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OM protein - protein search, using sw model

Run on: February 14, 2006, 17:28:30 ; Search time 54.0255 Seconds
(without alignments)
281.577 Million cell updates/sec

Title: US-10-077-438-1

Perfect score: 964

Sequence: 1 MLQWAGCQSQNEYFDSLHHA.....CKSLPAALSATEIEKSISAR 184

Scoring table: BIOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/ptodata/1/iaa/5_COMB.pep.*
- 2: /cgn2_6/ptodata/1/iaa/6_COMB.pep.*
- 3: /cgn2_6/ptodata/1/iaa/H_COMB.pep.*
- 4: /cgn2_6/ptodata/1/iaa/PTUS_COMB.pep.*
- 5: /cgn2_6/ptodata/1/iaa/RE_COMB.pep.*
- 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	964	100.0	184	2	US-09-565-423-11
2	964	100.0	192	2	US-09-949-016-11115
3	950	98.5	181	2	US-09-854-864-5
4	572	59.3	185	2	US-09-565-423-17
5	572	59.3	185	2	US-09-854-864-11
6	323	33.5	58	2	US-09-854-864-21
7	311.5	32.3	117	2	US-09-854-864-12
8	286	29.7	283	2	US-09-854-864-9
9	284	29.5	51	2	US-09-854-864-6
10	201	20.9	34	2	US-09-854-864-7
11	201	20.9	81	2	US-09-854-864-13
12	187	19.4	281	2	US-09-854-864-10
13	104	10.8	21	2	US-09-854-864-8
14	79.5	8.2	1009	1	US-08-357-642A-1
15	79.5	8.2	1009	1	US-08-460-626-1
16	79.5	8.2	1014	2	US-09-949-016-11533
17	78.5	8.1	293	1	US-08-810-572A-2
18	78.5	8.1	293	2	US-09-290-333-2
19	78.5	8.1	293	2	US-09-782-857A-2
20	78.5	8.1	293	2	US-09-879-919-22
21	78.5	8.1	293	2	US-09-848-295-4
22	78.5	8.1	293	2	US-09-854-864-14
23	76	7.9	744	1	US-08-173-481-2
24	75	7.8	857	1	US-07-717-331F-2
25	73.5	7.6	307	2	US-09-583-110-2671
26	73.5	7.6	312	2	US-09-107-433-2965
27	71.5	7.4	835	2	US-09-489-039A-8740

28	71	7.4	333	2	US-09-328-352-6022	Sequence 6022, Ap
29	70.5	7.3	154	2	US-09-232-160-18	Sequence 18, Appl
30	70.5	7.3	397	2	US-09-854-864-18	Sequence 18, Appl
31	70.5	7.3	467	2	US-09-902-540-11298	Sequence 11298, A
32	70	7.3	180	2	US-09-780-717-11	Sequence 11, Appl
33	70	7.3	182	2	US-09-780-717-44	Sequence 44, Appl
34	69.5	7.2	59	2	US-09-854-864-20	Sequence 20, Appl
35	69.5	7.2	166	1	US-08-810-572A-6	Sequence 6, Appl
36	69.5	7.2	166	2	US-09-280-333-6	Sequence 6, Appl
37	69.5	7.2	166	2	US-09-782-857A-6	Sequence 6, Appl
38	69.5	7.2	166	2	US-09-854-864-15	Sequence 15, Appl
39	69.5	7.2	217	2	US-09-252-991A-30641	Sequence 30641, A
40	69.5	7.2	224	2	US-09-465-901-30	Sequence 30, Appl
41	69.5	7.2	353	2	US-09-328-352-5429	Sequence 5429, Ap
42	69.5	7.2	942	2	US-09-695-481-2	Sequence 2, Appl
43	69.5	7.2	1043	2	US-09-695-481-6	Sequence 6, Appl
44	69.5	7.2	1180	2	US-08-660-148-2	Sequence 2, Appl
45	69.5	7.2	1212	2	US-08-660-148-5	Sequence 5, Appl

ALIGNMENTS

RESULT 1
US-09-565-423-11
; Sequence 11, Application US/09565423
; Patent No. 6475987
; GENERAL INFORMATION:
; APPLICANT: Shu, Hong-Bing
; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
; FILE REFERENCE: 2879-72
; CURRENT APPLICATION NUMBER: US/09/565.423
; CURRENT FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/132,892
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-565-423-11

Query Match 100.0%; Score 964; DB 2; Length 184;
Best Local Similarity 100.0%; Pred. No. 9.4e-104;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MLQWAGCQSQNEYFDSLHHA	CPQLRCSSNTPPLTCQRYCNASVTNSVKG	TNAILWTCL	60
Db	1	MLQWAGCQSQNEYFDSLHHA	CPQLRCSSNTPPLTCQRYCNASVTNSVKG	TNAILWTCL	60
Qy	61	GLSLIIISLAVFLMFLLRKISSEPLKDE	FKNTGSGLLGMANIDLEKSR	TGDEIILPRGLE	120
Db	61	GLSLIIISLAVFLMFLLRKISSEPLKDE	FKNTGSGLLGMANIDLEKSR	TGDEIILPRGLE	120
Qy	121	YTVSECTCEDCIKSPKVDSDHCFPLPAME	BEGATILVTTKTNDYCKSLPAALS	ATEIEKS	180
Db	121	YTVSECTCEDCIKSPKVDSDHCFPLPAME	BEGATILVTTKTNDYCKSLPAALS	ATEIEKS	180
Qy	181	ISAR	184		
Db	181	ISAR	184		

RESULT 2
US-09-949-016-11115
; Sequence 11115, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.

; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11115
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11115

Query Match 100.0%; Score 964; DB 2; Length 192;
Best Local Similarity 100.0%; Pred. No. 1e-103;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLOWAGCQONEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
DB 9 MLOWAGCQONEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 68
QY 61 GLSLIISLAVFLMFLRLKISSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
DB 69 GLSLIISLAVFLMFLRLKISSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 128
QY 121 YTVECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
DB 129 YTVECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 188
QY 181 ISAR 184
DB 189 ISAR 192

RESULT 3

US-09-854-864-5
; Sequence 5, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: BLYS/AGP-3, AND TACI
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-5

Query Match 98.5%; Score 950; DB 2; Length 181;
Best Local Similarity 100.0%; Pred. No. 3.9e-102;
Matches 181; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 MAGQCQONEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCLGLS 63
DB 1 MAGQCQONEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCLGLS 60
QY 64 LIISLAVFLMFLRLKISSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 123

DB 61 LIISLAVFLMFLRLKISSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
QY 124 EECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKSISA 183
DB 121 EECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKSISA 180
QY 184 R 184
DB 181 R 181

RESULT 4

US-09-565-423-17
; Sequence 17, Application US/09565423
; Patent No. 6475987
; GENERAL INFORMATION:
; APPLICANT: Shu, Hong-Bing
; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
; FILE REFERENCE: METHODS OF USE THEREOF
; CURRENT APPLICATION NUMBER: US/09/565,423
; CURRENT FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/132,892
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 185
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-565-423-17

Query Match 59.3%; Score 572; DB 2; Length 185;
Best Local Similarity 62.8%; Pred. No. 3.2e-56;
Matches 117; Conservative 21; Mismatches 41; Indels 8; Gaps 4;

QY 4 MAGQCQONEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCLGLS 63
DB 1 MAQCQFHFSEYFDSLHACPKCHLRCSN--PPATCQPYCDPSTVSSVKGTVTLWIFLGLT 58
QY 64 LIISLAVFLMFLRLKISSEPLKDEFPN-----TGSGLLGMANIDLEKSRGTDEIILPRGL 119
DB 59 LVLSLALFTTISFLLRKWNPEALKDEPQSPQLDGSQAQLDKADTELTRAGDDRIFFRSL 118
QY 120 EYTVECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCK-SLPAAL-SATEI 177
DB 119 EYTVECTCEDCVKSPKGDSDHFFPLPAMEEGATILVTTKTNDYCKSVPTALQSVNGM 178
QY 178 EKSISAR 184
DB 179 EKPTHTR 185

RESULT 5

US-09-854-864-11
; Sequence 11, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: BLYS/AGP-3, AND TACI
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31

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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 185
; TYPE: PRT
; ORGANISM: Murine
US-09-854-864-11

Query Match
Best Local Similarity 59.3%; Score 572; DB 2; Length 185;
Matches 117; Conservative 21; Mismatches 41; Indels 8; Gaps 4;

Qy 4 MAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILWTCLGLS 63
Db 1 MAQCQFSEYFDSLHACIPCHLRCSN--PPATCQPCDPSVTSSVKGTYYVLMIFLGLT 58

Qy 64 LIISLAVFVLMFLLRKISSEPLKDFEKN-----TSGSLGMLMANIDLEKSRGTDEIILPRGL 119
Db 59 LVLSLALFTISFLLRKMPEALKDQPSQGLDQSAQLDKADTELTRIRAGDDRIFRSL 118

Qy 120 EYTVVEECTCEBCKSKPKVDSDHCPPLPAMEEGATILVTTKTNDYCK-SLPAAL-SATEI 177
Db 119 EYTVVEECTCEBCKSKPKGSDHDFPLPAMEEGATILVTTKTNDYCKSSVPTALQSVNGM 178

Qy 178 EKSISAR 184
Db 179 EKPHTHR 185

RESULT 6
US-09-854-864-21
; Sequence 21, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 58
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-21

Query Match
Best Local Similarity 33.5%; Score 323; DB 2; Length 58;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILWTCLGLSLI 65
Db 1 CSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILWTCLGLSLI 58

RESULT 7
US-09-854-864-12
; Sequence 12, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11

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; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 117
; TYPE: PRT
; ORGANISM: human-murine Consensus
US-09-854-864-12

Query Match
Best Local Similarity 32.3%; Score 311.5; DB 2; Length 117;
Matches 96; Conservative 4; Mismatches 7; Indels 49; Gaps 19;

Qy 9 SQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILWTCLGLSLIISL 68
Db 2 AQCEYFDSLHAC-PC-LRCS-PPTCQ-YC-SVT-SVKGT---LWL-LGL---LSL 43

Qy 69 AVFVLMFLLRKISSEPLKDFEKN-----TSGSLGMLMANIDLEKSRGTDEIILPRGLETYVEECTC 128
Db 44 A-----FLLRK-----ELKDE-----GSLAL-----RGD-----IPR-LEYTVEECTC 76

Qy 129 EDCIKSKPKVDSDHCPPLPAMEEGATILVTTKTNDY 164
Db 77 EDC-KSKPK-DSDH-FPLPAMEEGATILVTTKT-DY 108

RESULT 8
US-09-854-864-9
; Sequence 9, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 283
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-9

Query Match
Best Local Similarity 29.7%; Score 286; DB 2; Length 283;
Matches 80; Conservative 12; Mismatches 47; Indels 74; Gaps 7;

Qy 4 MAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILWTCLGLS 63
Db 1 MAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILWTCLGLS 51

Qy 64 LIISLAVFVLMFLLRKISSEPLKDFEKN-----TSGSLGMLMANIDLEKSRGT 110
Db 52 -----GGGGGDKTKTCCPCAPPELLGSPVFLFPKPK 84

Qy 111 DEIILPRGLETYVEECTCEBCKSKPKVDSD-----HCFPLPAME-----GATIL 156
Db 85 DTLMISTPEVT---CVVDVSHEDPEVKFWYDGVGVHNAKTPREEQNSTYRVSV 141

Qy 157 VTTKTNDY-----CKSLPAALSATEIEKSI 182
Db 142 LTVLHQDWLNGKEYKCKVSNKALPA-PIEKTIS 173

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RESULT 9
US-09-854-864-6
; Sequence 6, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; BEST LOCAL SIMILARITY 100.0%; Pred. No. 1.5e-25;
; Mismatches 0; Indels 0; Gaps 0;
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-6

Query Match 29.5%; Score 284; DB 2; Length 51;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 MAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTSVKGTTNA 54
Db 1 MAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTSVKGTTNA 51

RESULT 10
US-09-854-864-7
; Sequence 7, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; BEST LOCAL SIMILARITY 100.0%; Pred. No. 3.6e-16;
; Mismatches 0; Indels 0; Gaps 0;
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-7

Query Match 20.9%; Score 201; DB 2; Length 34;
Best Local Similarity 100.0%; Pred. No. 3.6e-16;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CSQNEYFDSLHACIPCOLRCSNTPLTCORYC 41
Db 1 CSQNEYFDSLHACIPCOLRCSNTPLTCORYC 34

RESULT 11
US-09-854-864-13
; Sequence 13, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; BEST LOCAL SIMILARITY 100.0%; Pred. No. 1.2e-15;
; Mismatches 0; Indels 0; Gaps 0;
; LENGTH: 81
; TYPE: PRT
; ORGANISM: Consensus
US-09-854-864-13

Query Match 20.9%; Score 201; DB 2; Length 81;
Best Local Similarity 100.0%; Pred. No. 1.2e-15;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CSQNEYFDSLHACIPCOLRCSNTPLTCORYC 41
Db 1 CSQNEYFDSLHACIPCOLRCSNTPLTCORYC 34

RESULT 12
US-09-854-864-10
; Sequence 10, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; BEST LOCAL SIMILARITY 19.4%; Score 187; DB 2; Length 281;
; Mismatches 64; Conservative 17; Mismatches 54; Indels 80; Gaps 8;
; LENGTH: 281
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-854-864-10

Query Match 19.4%; Score 187; DB 2; Length 281;
Best Local Similarity 29.8%; Pred. No. 3.1e-13;
Matches 64; Conservative 17; Mismatches 54; Indels 80; Gaps 8;

Qy 4 MAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTSVKGTTNA 63
Db 1 MAQCQPHSEYFDSLHACIPCOLRCSN--PPATCQPYCDPSVTSSVKGS----- 47
64 LIISLAVFVLMFLLRKTSSEPLKDEFKNTGSG-----LLGWNIDLEKSR 108
48 -----YTGGGGDKTHTCPCPAPPELLGGPSVFLPPPK 80
109 TGDEIILPRGLEVTVEECTCEDCIKPKVKDSD-----HCFPLPAMBE-----GAT 154
81 PKDTLMISRTPEVT---CVVDVSHEDPEYKFNWYVDGVEVHNKTKPREQYNSTRV 137
155 ILVTTKTNDY-----CKSLPAALSATEIEKSI 182
138 SVLTVLHODWLNQKEYKCKVSNKALPA-PIEKTIS 171

RESULT 13
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US-09-854-864-8
; Sequence 8, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/214,591
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 8
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-8

Query Match 10.8%; Score 104; DB 2; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.3e-05;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 ILWTCGLSLIISLAVFVLMF 75
Db 1 ILWTCGLSLIISLAVFVLMF 21

RESULT 14
US-08-357-642A-1
; Sequence 1, Application US/08357642A
; Patent No. 5837524
; GENERAL INFORMATION:
; APPLICANT: Sima Lev
; TITLE OF INVENTION: PYK2 RELATED PRODUCTS
; TITLE OF INVENTION: AND METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/357,642A
; FILING DATE: December 15, 1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/070
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: PRT
; STRANDEDNESS:
; TOPOLOGY:
; MOLECULE TYPE:
US-09-854-864-8

; LENGTH: 1009
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-357-642A-1

Query Match 8.2%; Score 79.5; DB 1; Length 1009;
Best Local Similarity 32.1%; Pred. No. 5.9;
Matches 25; Conservative 9; Mismatches 29; Indels 15; Gaps 3;

QY 88 EFKNTGSGLLGMANIDLEKSR-----TGDEIILPRGLETVVECTCEDCIKSPKV 138
Db 249 KFFNT--LAGFANIDQETRYCELIQGNWITVDLVIGPKGIRQLTSQDAKPTCLAEFKQI 305
QY 139 DSDHCFPLPAMEGATIL 156
Db 306 RSIRCLPL---EKGQAVL 320

RESULT 15
US-08-460-626-1
; Sequence 1, Application US/08460626
; Patent No. 5837815
; GENERAL INFORMATION:
; APPLICANT: SIMA LEV
; APPLICANT: JOSEPH SCHLESSINGER
; TITLE OF INVENTION: PYK-2 RELATED PRODUCTS AND
; TITLE OF INVENTION: METHODS
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,626
; FILING DATE: June 2, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/357,642
; FILING DATE: December 15, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1009
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-460-626-1

Query Match 8.2%; Score 79.5; DB 1; Length 1009;
Best Local Similarity 32.1%; Pred. No. 5.9;
Matches 25; Conservative 9; Mismatches 29; Indels 15; Gaps 3;

QY 88 EFKNTGSGLLGMANIDLEKSR-----TGDEIILPRGLETVVECTCEDCIKSPKV 138

Db 249 KFFNT---LAGFANIDQETRCELIQGWNITVDLVIGPKGIRQLTSQDAKPTCLAEPKQI 305
Qy 139 DSDHCFPLPAMEGATIL 156
Db 306 RSIRCLPL---EEGQAVL 320

Search completed: February 14, 2006, 17:30:15
Job time : 55.0255 secs

GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 15, 2006, 09:58:15 ; Search time 92.3915 Seconds
(without alignments)
832.118 Million cell updates/sec

Title: US-10-077-438-1
Perfect score: 964
Sequence: 1 MLQWAGQCSQNEYFDSLH.....CKSLPAALSAIEKISAR 184

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA Main:
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	964	100.0	184	4	US-10-077-438-1
2	964	100.0	184	4	US-10-077-438-7
3	964	100.0	184	4	US-10-077-137-1
4	964	100.0	184	4	US-10-077-137-7
5	964	100.0	184	4	US-10-068-725-2
6	964	100.0	184	4	US-10-151-882-47
7	964	100.0	184	4	US-10-115-192-8
8	964	100.0	184	4	US-10-008-063-7
9	964	100.0	184	4	US-10-152-363A-27
10	964	100.0	184	4	US-10-216-074-11
11	964	100.0	184	4	US-10-087-080-39
12	964	100.0	184	4	US-10-742-634-9
13	964	100.0	184	5	US-10-626-914-6
14	964	100.0	184	5	US-10-485-489-6
15	964	100.0	184	5	US-10-861-049-27
16	964	100.0	184	5	US-10-989-826-46
17	964	100.0	184	6	US-11-021-874-27
18	950	98.5	181	3	US-09-854-864-5
19	950	98.5	181	3	US-09-855-158-5
20	572	59.3	185	3	US-09-854-864-11
21	572	59.3	185	3	US-09-855-158-11
22	572	59.3	185	4	US-10-216-074-17
23	323	33.5	58	3	US-09-854-864-21
24	323	33.5	58	3	US-09-855-158-21
25	311.5	32.3	117	3	US-09-854-864-12
26	311.5	32.3	117	3	US-09-855-158-12
27	286.5	29.7	302	4	US-10-115-192-12

28	286	29.7	283	3	US-09-854-864-9	Sequence 9, Appli
29	286	29.7	283	3	US-09-855-158-9	Sequence 9, Appli
30	284	29.5	51	3	US-09-854-864-6	Sequence 6, Appli
31	284	29.5	51	3	US-09-855-158-6	Sequence 6, Appli
32	264	27.4	207	4	US-10-077-438-3	Sequence 3, Appli
33	264	27.4	207	4	US-10-077-137-3	Sequence 3, Appli
34	201	20.9	34	3	US-09-854-864-7	Sequence 7, Appli
35	201	20.9	34	3	US-09-855-158-7	Sequence 7, Appli
36	201	20.9	81	3	US-09-854-864-13	Sequence 13, Appli
37	201	20.9	81	3	US-09-855-158-13	Sequence 13, Appli
38	187	19.4	281	3	US-09-854-864-10	Sequence 10, Appli
39	187	19.4	281	3	US-09-855-158-10	Sequence 10, Appli
40	158	16.4	42	4	US-10-145-206-197	Sequence 197, App
41	116.5	12.1	175	4	US-10-008-063-13	Sequence 13, Appli
42	116.5	12.1	175	4	US-10-380-703-9	Sequence 9, Appli
43	116.5	12.1	175	4	US-10-469-420-1	Sequence 1, Appli
44	116.5	12.1	175	5	US-10-485-489-18	Sequence 18, Appli
45	116.5	12.1	175	5	US-10-861-049-35	Sequence 35, Appli

ALIGNMENTS

RESULT 1
US-10-077-438-1
; Sequence 1, Application US/10077438
; Publication No. US20020165156A1
; GENERAL INFORMATION:
; APPLICANT: Mackay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschoep, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baif Receptor (BCMA), An
; FILE OF INVENTION: Immunoregulatory Agent
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,438
; CURRENT FILING DATE: 2002-02-18
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-438-1

Query Match	100.0%	Score 964;	DB 4;	Length 184;
Best Local Similarity	100.0%	Pred. No. 2.6e-90;		
Matches 184;	Conservative	0;	Mismatches	0;
			Indels	0;
			Gaps	0;
Qy	1	MLQWAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGTNAILWTCL	60	
Db	1	MLQWAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGTNAILWTCL	60	
Qy	61	GLSLIISLAVFLVFLFKISSEPLKDFKNTGSGLLGMANIDLEKSTGDEIILPRGLE	120	
Db	61	GLSLIISLAVFLVFLFKISSEPLKDFKNTGSGLLGMANIDLEKSTGDEIILPRGLE	120	
Qy	121	YTVRECTCEDCIKSKPKVDSHCPPLPAMEGATILVTTKTNDYCKSLPALSAIEIKS	180	
Db	121	YTVRECTCEDCIKSKPKVDSHCPPLPAMEGATILVTTKTNDYCKSLPALSAIEIKS	180	
Qy	181	ISAR 184		

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Db 181 ISAR 184

RESULT 2
US-10-077-438-7
; Sequence 7, Application US/10077438
; Publication No. US20020165156A1
; GENERAL INFORMATION:
; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschopp, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; TITLE OF INVENTION: Immunoregulatory Agent
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,438
; CURRENT FILING DATE: 2002-02-18
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-438-7

Query Match 100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy 61 GLSLIISLAVFVLMFLRLKISSEPLKDEFKNTGSLGGMANIDLEKSRGTGDEIILPRGLE 120
Db 61 GLSLIISLAVFVLMFLRLKISSEPLKDEFKNTGSLGGMANIDLEKSRGTGDEIILPRGLE 120
Qy 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 3
US-10-077-137-1
; Sequence 1, Application US/10077137
; Publication No. US20020172674A1
; GENERAL INFORMATION:
; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschopp, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; TITLE OF INVENTION: Immunoregulatory Agent
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,137
; CURRENT FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-137-1

Query Match 100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy 61 GLSLIISLAVFVLMFLRLKISSEPLKDEFKNTGSLGGMANIDLEKSRGTGDEIILPRGLE 120
Db 61 GLSLIISLAVFVLMFLRLKISSEPLKDEFKNTGSLGGMANIDLEKSRGTGDEIILPRGLE 120
Qy 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184
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; CURRENT FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-137-1

Query Match 100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy 61 GLSLIISLAVFVLMFLRLKISSEPLKDEFKNTGSLGGMANIDLEKSRGTGDEIILPRGLE 120
Db 61 GLSLIISLAVFVLMFLRLKISSEPLKDEFKNTGSLGGMANIDLEKSRGTGDEIILPRGLE 120
Qy 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 4
US-10-077-137-7
; Sequence 7, Application US/10077137
; Publication No. US20020172674A1
; GENERAL INFORMATION:
; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschopp, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; TITLE OF INVENTION: Immunoregulatory Agent
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,137
; CURRENT FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-137-7

Query Match 100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184
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; SEQ ID NO 47
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-151-882-47

Query Match
Best Local Similarity 100.0%; Score 964; DB 4; Length 184;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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61 GLSLIIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Db 61 GLSLIIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Qy 121 YTVBECTCEDCIKSKPKVDSHCHPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVBECTCEDCIKSKPKVDSHCHPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 5
US-10-068-725-2
; Sequence 2, Application US/10068725
; Publication No. US20030012783A1
; GENERAL INFORMATION:
; APPLICANT: Kindevogel, Wayne
; TITLE OF INVENTION: Antibodies That Bind Both BCMA and TACI
; FILE REFERENCE: 01-04
; CURRENT APPLICATION NUMBER: US/10/068,725
; CURRENT FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: 60/270,274
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/283,447
; PRIOR FILING DATE: 2001-04-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-068-725-2

Query Match
Best Local Similarity 100.0%; Score 964; DB 4; Length 184;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILWTCL 60
Qy 61 GLSLIIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Db 61 GLSLIIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Qy 121 YTVBECTCEDCIKSKPKVDSHCHPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVBECTCEDCIKSKPKVDSHCHPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 6
US-10-151-882-47
; Sequence 47, Application US/10151882
; Publication No. US20030059862A1
; GENERAL INFORMATION:
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Antibodies Against Tumor Necrosis Factor Delta (APRIL)
; FILE REFERENCE: PF554
; CURRENT APPLICATION NUMBER: US/10/151,882
; CURRENT FILING DATE: 2002-05-22
; PRIOR APPLICATION NUMBER: 60/293,100
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.0
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; SEQ ID NO 47
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-151-882-47

Query Match
Best Local Similarity 100.0%; Score 964; DB 4; Length 184;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILWTCL 60
Qy 61 GLSLIIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Db 61 GLSLIIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Qy 121 YTVBECTCEDCIKSKPKVDSHCHPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVBECTCEDCIKSKPKVDSHCHPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 7
US-10-115-192-8
; Sequence 8, Application US/10115192
; Publication No. US20030082175A1
; GENERAL INFORMATION:
; APPLICANT: Apotech R & D S.A.
; APPLICANT: Biogen, Inc.
; TITLE OF INVENTION: April Receptor (BCMA) and Uses Thereof
; FILE REFERENCE: A083PCT
; CURRENT APPLICATION NUMBER: US/10/115,192
; CURRENT FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: 60/215688
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 60/181807
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/157933
; PRIOR FILING DATE: 1999-10-06
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-115-192-8

Query Match
Best Local Similarity 100.0%; Score 964; DB 4; Length 184;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILWTCL 60
Qy 61 GLSLIIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Db 61 GLSLIIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Qy 121 YTVBECTCEDCIKSKPKVDSHCHPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVBECTCEDCIKSKPKVDSHCHPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184
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RESULT 8
US-10-008-063-7
; Sequence 7, Application US/10008063
; Publication No. US20030092164A1
; GENERAL INFORMATION:
; APPLICANT: Gross, Jane A.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Henne, Randal M.
; APPLICANT: Grant, Francis, J.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor
; FILE REFERENCE: 00-103
; CURRENT APPLICATION NUMBER: US/10/008,063
; CURRENT FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-008-063-7

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy 61 GLSLIIISLAVFVLMFLRLKISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Db 61 GLSLIIISLAVFVLMFLRLKISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Qy 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 9
US-10-152-363A-27
; Sequence 27, Application US/10152363A
; Publication No. US20030103986A1
; GENERAL INFORMATION:
; APPLICANT: Rixon, Mark W.
; APPLICANT: Gross, Jane A.
; TITLE OF INVENTION: TAC1-Immunoglobulin Fusion Proteins
; FILE REFERENCE: 01-20
; CURRENT APPLICATION NUMBER: US/10/152,363A
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 60/293,343
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-152-363A-27

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy 61 GLSLIIISLAVFVLMFLRLKISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Db 61 GLSLIIISLAVFVLMFLRLKISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Qy 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 10
US-10-216-074-11
; Sequence 11, Application US/10216074
; Publication No. US20030148445A1
; GENERAL INFORMATION:
; APPLICANT: Shu, Hong-Bing
; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
; TITLE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 2879-72
; CURRENT APPLICATION NUMBER: US/10/216,074
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/565,423
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/132,892
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-216-074-11

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy 61 GLSLIIISLAVFVLMFLRLKISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Db 61 GLSLIIISLAVFVLMFLRLKISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Qy 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 11
US-10-087-080-39
; Sequence 39, Application US/10087080
; Publication No. US20030235820A1
; GENERAL INFORMATION:
; APPLICANT: Mack, David H.
; APPLICANT: Markowitz, Sanford David
; APPLICANT: Eos Biotechnology, Inc.
; APPLICANT: Case Western Reserve University
; TITLE OF INVENTION: No. US20030235820A1e1 Methods of Diagnosis of Metastatic Colorectal
; TITLE OF INVENTION: Cancer, Compositions and Methods of Screening for
; FILE REFERENCE: 018501-000840US
; FILE REFERENCE: 018501-000840US
; CURRENT APPLICATION NUMBER: US/10/087,080
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/272,206
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Db 61 GLSLIIISLAVFVLMFLRLKISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Qy 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 10
US-10-216-074-11
; Sequence 11, Application US/10216074
; Publication No. US20030148445A1
; GENERAL INFORMATION:
; APPLICANT: Shu, Hong-Bing
; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
; TITLE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 2879-72
; CURRENT APPLICATION NUMBER: US/10/216,074
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/565,423
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/132,892
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-216-074-11

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy 61 GLSLIIISLAVFVLMFLRLKISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Db 61 GLSLIIISLAVFVLMFLRLKISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Qy 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 11
US-10-087-080-39
; Sequence 39, Application US/10087080
; Publication No. US20030235820A1
; GENERAL INFORMATION:
; APPLICANT: Mack, David H.
; APPLICANT: Markowitz, Sanford David
; APPLICANT: Eos Biotechnology, Inc.
; APPLICANT: Case Western Reserve University
; TITLE OF INVENTION: No. US20030235820A1e1 Methods of Diagnosis of Metastatic Colorectal
; TITLE OF INVENTION: Cancer, Compositions and Methods of Screening for
; FILE REFERENCE: 018501-000840US
; FILE REFERENCE: 018501-000840US
; CURRENT APPLICATION NUMBER: US/10/087,080
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/272,206
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; PRIOR FILING DATE: 2001-02-27
 ; PRIOR APPLICATION NUMBER: US 60/281,149
 ; PRIOR FILING DATE: 2001-04-02
 ; PRIOR APPLICATION NUMBER: US 60/284,555
 ; PRIOR FILING DATE: 2001-04-17
 ; NUMBER OF SEQ ID NOS: 41
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 39
 ; LENGTH: 184
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: tumor necrosis factor receptor superfamily, member
 ; OTHER INFORMATION: 17 (TNFRSF17)
 ; US-10-087-080-39

 Query Match 100.0%; Score 964; DB 4; Length 184;
 Best Local Similarity 100.0%; Pred. No. 2.6e-90; Indels 0; Gaps 0;
 Matches 184; Conservative 0; Mismatches 0;

 QY 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTNSVKGTTNAILWTCL 60
 DB 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTNSVKGTTNAILWTCL 60

 QY 61 GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
 DB 61 GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120

 QY 121 YVVECTCEDCIKSKPKVDSHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
 DB 121 YVVECTCEDCIKSKPKVDSHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180

 QY 181 ISAR 184
 DB 181 ISAR 184

 RESULT 12
 US-10-742-634-9
 ; Sequence 9, Application US/10742634
 ; Publication No. US20040208824A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Parmelee, David
 ; APPLICANT: Yeh, Ren-Hwa
 ; APPLICANT: Galperina, Olga
 ; APPLICANT: Hilbert, David
 ; APPLICANT: Rosen, Craig A.
 ; TITLE OF INVENTION: Neutrokine-alpha Conjugate, Neutrokine-alpha Complex, and Uses Th
 ; FILE REFERENCE: 1488.1810002
 ; CURRENT APPLICATION NUMBER: US/10/742,634
 ; CURRENT FILING DATE: 2003-12-22
 ; PRIOR APPLICATION NUMBER: US 60/435,262
 ; PRIOR FILING DATE: 2002-12-23
 ; PRIOR APPLICATION NUMBER: US 60/467,198
 ; PRIOR FILING DATE: 2003-05-02
 ; NUMBER OF SEQ ID NOS: 17
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 9
 ; LENGTH: 184
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-742-634-9

 Query Match 100.0%; Score 964; DB 4; Length 184;
 Best Local Similarity 100.0%; Pred. No. 2.6e-90; Indels 0; Gaps 0;
 Matches 184; Conservative 0; Mismatches 0;

 QY 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTNSVKGTTNAILWTCL 60
 DB 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTNSVKGTTNAILWTCL 60

 QY 61 GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120

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; PRIOR FILING DATE: 2002-04-30
; NUMBER OF SEQ ID NOS: 19
; SEQ ID NO 6
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-489-6

Query Match      100.0%; Score 964; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy 61 GLSLIISLAVFVLMFLRLKISSEPLKDEFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Db 61 GLSLIISLAVFVLMFLRLKISSEPLKDEFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Qy 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 15
US-10-861-049-27
; Sequence 27, Application US/10861049
; Publication No. US20050095243A1
; GENERAL INFORMATION:
; APPLICANT: Andrew Chan
; APPLICANT: Qian Gong
; TITLE OF INVENTION: COMBINATION THERAPY FOR B CELL DISORDERS
; FILE REFERENCE: P2040R1US
; CURRENT APPLICATION NUMBER: US/10/861,049
; CURRENT FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: US 60/476,531
; PRIOR FILING DATE: 2003-06-06
; PRIOR APPLICATION NUMBER: US 60/476,481
; PRIOR FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US 60/476,414
; PRIOR FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 27
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-861-049-27

Query Match      100.0%; Score 964; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy 61 GLSLIISLAVFVLMFLRLKISSEPLKDEFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Db 61 GLSLIISLAVFVLMFLRLKISSEPLKDEFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Qy 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184
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RESULT 16
US-10-989-826-46
; Sequence 46, Application US/10989826
; Publication No. US20050238650A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Crowley, Craig
; APPLICANT: De Sauvage, Frederic J.
; APPLICANT: Eaton, Daniel L.
; APPLICANT: Ebens, Allen
; APPLICANT: Polson, Andrew
; APPLICANT: Smith, Victoria
; TITLE OF INVENTION: Compositions and Methods for the Treatment of Tumor of
; FILE REFERENCE: P5105R1US
; CURRENT APPLICATION NUMBER: US/10/989,826
; CURRENT FILING DATE: 2004-11-16
; PRIOR APPLICATION NUMBER: US 60/520,842
; PRIOR FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: US 60/532,426
; PRIOR FILING DATE: 2003-12-24
; NUMBER OF SEQ ID NOS: 75
; SEQ ID NO 46
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-989-826-46

Query Match      100.0%; Score 964; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy 61 GLSLIISLAVFVLMFLRLKISSEPLKDEFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Db 61 GLSLIISLAVFVLMFLRLKISSEPLKDEFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Qy 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 17
US-11-021-874-27
; Sequence 27, Application US/11021874
; Publication No. US20050163775A1
; GENERAL INFORMATION:
; APPLICANT: Andrew Chan
; APPLICANT: Qian Gong
; APPLICANT: Flavius Martin
; TITLE OF INVENTION: COMBINATION THERAPY FOR B CELL DISORDERS
; FILE REFERENCE: P2040R1P1
; CURRENT APPLICATION NUMBER: US/11/021,874
; CURRENT FILING DATE: 2004-12-22
; PRIOR APPLICATION NUMBER: US 10/861,049
; PRIOR FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: US 60/476,531
; PRIOR FILING DATE: 2003-06-06
; PRIOR APPLICATION NUMBER: US 60/476,481
; PRIOR FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US 60/476,414
; PRIOR FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 27
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; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-021-874-27

Query Match 100.0%; Score 964; DB 6; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQAGCSQNEYFDSLHACIPQCLRCSSNTPPLTCORYCNASVTNSVKGNTNAILWTCL 60
Db 1 MLQAGCSQNEYFDSLHACIPQCLRCSSNTPPLTCORYCNASVTNSVKGNTNAILWTCL 60

Qy 61 GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSTGDEIILPRGLE 120
Db 61 GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSTGDEIILPRGLE 120

Qy 121 YTVECTCEDCIKSPKVDSDHCFPLPAMEGATILVTTKNDYCKSLPAALSATEIEKS 180
Db 121 YTVECTCEDCIKSPKVDSDHCFPLPAMEGATILVTTKNDYCKSLPAALSATEIEKS 180

Qy 181 ISAR 184
Db 181 ISAR 184

RESULT 18
US-09-854-864-5
; Sequence 5, Application US/09854864
; Patent No. US20020081296A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-5

Query Match 98.5%; Score 950; DB 3; Length 181;
Best Local Similarity 100.0%; Pred. No. 6.9e-89;
Matches 181; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPPLTCORYCNASVTNSVKGNTNAILWTCLGSL 63
Db 1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPPLTCORYCNASVTNSVKGNTNAILWTCLGSL 60

Qy 64 LIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSTGDEIILPRGLETV 123
Db 61 LIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSTGDEIILPRGLETV 120

Qy 124 EECTCEDCIKSPKVDSDHCFPLPAMEGATILVTTKNDYCKSLPAALSATEIEKSISA 183
Db 121 EECTCEDCIKSPKVDSDHCFPLPAMEGATILVTTKNDYCKSLPAALSATEIEKSISA 180

Qy 184 R 184
Db 181 R 181

RESULT 19
US-09-855-158-5
; Sequence 5, Application US/09855158
; Publication No. US20020086018A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA, BLI
; FILE REFERENCE: A-686A
; CURRENT APPLICATION NUMBER: US/09/855,158
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-855-158-5

Query Match 98.5%; Score 950; DB 3; Length 181;
Best Local Similarity 100.0%; Pred. No. 6.9e-89;
Matches 181; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPPLTCORYCNASVTNSVKGNTNAILWTCLGSL 63
Db 1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPPLTCORYCNASVTNSVKGNTNAILWTCLGSL 60

Qy 64 LIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSTGDEIILPRGLETV 123
Db 61 LIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSTGDEIILPRGLETV 120

Qy 124 EECTCEDCIKSPKVDSDHCFPLPAMEGATILVTTKNDYCKSLPAALSATEIEKSISA 183
Db 121 EECTCEDCIKSPKVDSDHCFPLPAMEGATILVTTKNDYCKSLPAALSATEIEKSISA 180

Qy 184 R 184
Db 181 R 181

RESULT 20
US-09-854-864-11
; Sequence 11, Application US/09854864
; Patent No. US20020081296A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 185
; TYPE: PRT
; ORGANISM: Murine
US-09-854-864-11

Query Match 59.3%; Score 572; DB 3; Length 185;
Best Local Similarity 62.6%; Pred. No. 3.5e-50;
Matches 117; Conservative 21; Mismatches 41; Indels 8; Gaps 4;

Qy 4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPPLTCORYCNASVTNSVKGNTNAILWTCLGSL 63

Db 1 MAQCQFSEYFDSLLHACKCHLRCSN--PPATCQPYCDPSVTSSVKGTYTVLWIFLGLT 58
Qy 64 LIISLAVFVLMFLLRKISSBPLKDEFKN-----TSGLLGMANIDLEKSRGTGDEIILPRGL 119
Db 59 LVLSLALFTTISFLLRKNMPEALKDEPQSGQLDGSQAQLDKADTELTRIRAGDDRIFFRSL 118
Qy 120 EYTVVEECTCEDCIKSKPKVDSHCFPLPAMEEGATILVTTKTNDYCK-SLPAAL-SATEI 177
Db 119 EYTVVEECTCEDCVKSKPKGSDHFFPLPAMEEGATILVTTKTGDYKSSVPTALQSVGM 178
Qy 178 EKSISAR 184
Db 179 EKPTHTR 185

RESULT 21

US-09-855-158-11
; Sequence 11, Application US/09855158
; Publication No. US20020086018A1
; GENERAL INFORMATION:
; APPLICANT: THEBILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA, BI
; TITLE OF INVENTION: 3, AND TACI
; FILE REFERENCE: A-686A
; CURRENT APPLICATION NUMBER: US/09/855,158
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 185
; TYPE: PRT
; ORGANISM: Murine
US-09-855-158-11

Query Match 59.3%; Score 572; DB 3; Length 185;
Best Local Similarity 62.6%; Pred. No. 3.5e-50;
Matches 117; Conservative 21; Mismatches 41; Indels 8; Gaps 4;
Qy 4 MAGQCSONEYFDSLLHACIPCOLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCLGLS 63
Db 1 MAQCQFSEYFDSLLHACKCHLRCSN--PPATCQPYCDPSVTSSVKGTYTVLWIFLGLT 58
Qy 64 LIISLAVFVLMFLLRKISSBPLKDEFKN-----TSGLLGMANIDLEKSRGTGDEIILPRGL 119
Db 59 LVLSLALFTTISFLLRKNMPEALKDEPQSGQLDGSQAQLDKADTELTRIRAGDDRIFFRSL 118
Qy 120 EYTVVEECTCEDCIKSKPKVDSHCFPLPAMEEGATILVTTKTNDYCK-SLPAAL-SATEI 177
Db 119 EYTVVEECTCEDCVKSKPKGSDHFFPLPAMEEGATILVTTKTGDYKSSVPTALQSVGM 178
Qy 178 EKSISAR 184
Db 179 EKPTHTR 185

RESULT 22

US-10-216-074-17
; Sequence 17, Application US/10216074
; Publication No. US20030148445A1
; GENERAL INFORMATION:
; APPLICANT: Shu, Hong-Ring
; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
; FILE REFERENCE: 2879-72
; CURRENT APPLICATION NUMBER: US/10/216,074
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/565,423
; PRIOR FILING DATE: 2000-05-05

; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/132,892
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 185
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-216-074-17

Query Match 59.3%; Score 572; DB 4; Length 185;
Best Local Similarity 62.8%; Pred. No. 3.5e-50;
Matches 117; Conservative 21; Mismatches 41; Indels 8; Gaps 4;
Qy 4 MAGQCSONEYFDSLLHACIPCOLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCLGLS 63
Db 1 MAQCQFSEYFDSLLHACKCHLRCSN--PPATCQPYCDPSVTSSVKGTYTVLWIFLGLT 58
Qy 64 LIISLAVFVLMFLLRKISSBPLKDEFKN-----TSGLLGMANIDLEKSRGTGDEIILPRGL 119
Db 59 LVLSLALFTTISFLLRKNMPEALKDEPQSGQLDGSQAQLDKADTELTRIRAGDDRIFFRSL 118
Qy 120 EYTVVEECTCEDCIKSKPKVDSHCFPLPAMEEGATILVTTKTNDYCK-SLPAAL-SATEI 177
Db 119 EYTVVEECTCEDCVKSKPKGSDHFFPLPAMEEGATILVTTKTGDYKSSVPTALQSVGM 178
Qy 178 EKSISAR 184
Db 179 EKPTHTR 185

RESULT 23
US-09-854-864-21
; Sequence 21, Application US/09854864
; Patent No. US20020081296A1
; GENERAL INFORMATION:
; APPLICANT: THEBILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 58
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-21

Query Match 33.5%; Score 323; DB 3; Length 58;
Best Local Similarity 100.0%; Pred. No. 2.5e-25;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 8 CSONEYFDSLLHACIPCOLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCLGLSLI 65
Db 1 CSONEYFDSLLHACIPCOLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCLGLSLI 58

RESULT 24
US-09-855-158-21
; Sequence 21, Application US/09855158
; Publication No. US20020086018A1
; GENERAL INFORMATION:
; APPLICANT: THEBILL, LARS EYDE
; APPLICANT: YU, GANG

; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA, BI
; FILE OF INVENTION: 3, AND TACI
; FILE REFERENCE: A-686A
; CURRENT APPLICATION NUMBER: US/09/855,158
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 58
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-855-158-21

Query Match 33.5%; Score 323; DB 3; Length 58;
Best Local Similarity 100.0%; Pred. No. 2.5e-25;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 CSONEYFDSLHACIPCOLRCSNTPPLTCORYCNASVTNSVKGTTNAILWTCLGLSLI 65
Db 1 CSONEYFDSLHACIPCOLRCSNTPPLTCORYCNASVTNSVKGTTNAILWTCLGLSLI 58

RESULT 25

US-09-854-864-12
; Sequence 12, Application US/09854864
; Patent No. US20020081296A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 117
; TYPE: PRT
; ORGANISM: human-murine Consensus
US-09-854-864-12

Query Match 32.3%; Score 311.5; DB 3; Length 117;
Best Local Similarity 61.5%; Pred. No. 9.2e-24;
Matches 96; Conservative 4; Mismatches 7; Indels 49; Gaps 19;

QY 9 SONEYFDSLHACIPCOLRCSNTPPLTCORYCNASVTNSVKGTTNAILWTCLGLSLI 68
Db 2 AQCEYFDSLHAC-PC-LRCS-----PPTCQ-YC--SVT-SVKGT---LW--LGL---LSL 43
QY 69 AVFVLMFLLRKISSEPLKDEPKNTGSGLLGMANIDLEKSRGTGDEIILPRGLETVVEECTC 128
Db 44 A-----FLLRK-----ELKDE-----GSLAL-----RGD-----IPR-LEYTVVEECTC 76
QY 129 EDCIKSKPKVSDHCFPLPAMEEGATILVTTKTNDY 164
Db 77 EDC-KSRPK-DSDH-FPLPAMEEGATILVTTKT-DY 108

RESULT 26

US-09-855-158-12
; Sequence 12, Application US/09855158
; Publication No. US20020086018A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE

; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA, BL
; FILE OF INVENTION: 3, AND TACI
; FILE REFERENCE: A-686A
; CURRENT APPLICATION NUMBER: US/09/855,158
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 117
; TYPE: PRT
; ORGANISM: human-murine Consensus
US-09-855-158-12

Query Match 32.3%; Score 311.5; DB 3; Length 117;
Best Local Similarity 61.5%; Pred. No. 9.2e-24;
Matches 96; Conservative 4; Mismatches 7; Indels 49; Gaps 19;

QY 9 SONEYFDSLHACIPCOLRCSNTPPLTCORYCNASVTNSVKGTTNAILWTCLGLSLI 68
Db 2 AQCEYFDSLHAC-PC-LRCS-----PPTCQ-YC--SVT-SVKGT---LW--LGL---LSL 43
QY 69 AVFVLMFLLRKISSEPLKDEPKNTGSGLLGMANIDLEKSRGTGDEIILPRGLETVVEECTC 128
Db 44 A-----FLLRK-----ELKDE-----GSLAL-----RGD-----IPR-LEYTVVEECTC 76
QY 129 EDCIKSKPKVSDHCFPLPAMEEGATILVTTKTNDY 164
Db 77 EDC-KSRPK-DSDH-FPLPAMEEGATILVTTKT-DY 108

Search completed: February 15, 2006, 10:08:54
Job time : 95.3915 secs

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OM protein - protein search, using sw model

Run on: February 14, 2006, 17:45:25 ; Search time 16.4426 Seconds
(without alignments)
146.847 Million cell updates/sec

Title: US-10-077-438-1

Perfect score: 964

Sequence: 1 MLQWAGQCSQNEYFDSLHA.....CKSLPAALSATEIEKSISAR 184

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 97014 seqs, 13122538 residues

Total number of hits satisfying chosen parameters: 97014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Published Applications AA New:*

- 1: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
- 7: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	964	100.0	184	6	US-10-742-634-9
2	964	100.0	184	6	US-10-967-527A-8
3	605	62.8	185	6	US-10-967-527A-10
4	230	23.9	40	6	US-10-967-527A-9
5	116.5	12.1	175	6	US-10-967-527A-7
6	93	9.6	184	6	US-10-742-634-5
7	93	9.6	184	6	US-10-967-527A-5
8	86.5	9.0	858	7	US-11-054-281-135
9	86.5	9.0	867	7	US-11-054-281-134
10	78.5	8.1	292	6	US-10-967-527A-19
11	78.5	8.1	293	6	US-10-742-634-7
12	78.5	8.1	293	7	US-11-221-849-2
13	77	8.0	249	6	US-10-967-527A-21
14	75	7.8	450	6	US-10-763-712A-76
15	71.5	7.4	314	6	US-10-055-877-56
16	70.5	7.3	934	6	US-10-453-372-1158
17	68.5	7.1	409	6	US-10-878-556A-55
18	68	7.1	2417	6	US-10-453-372-228
19	67.5	7.0	48	6	US-10-967-527A-20
20	67.5	7.0	297	6	US-10-967-527A-17
21	67	7.0	374	7	US-10-098-686-10930
22	67	7.0	1066	7	US-11-055-822-370
23	67	7.0	1066	7	US-11-055-822-1002
24	67	7.0	1113	7	US-11-055-822-368
25	67	7.0	1113	7	US-11-055-822-1000

ALIGNMENTS

RESULT 1
US-10-742-634-9
; Sequence 9, Application US/10742634
; Publication No. US20050249671A9
; GENERAL INFORMATION:
; APPLICANT: Parmelee, David
; APPLICANT: Yeh, Ren-Hwa
; APPLICANT: Galperina, Olga
; APPLICANT: Hilbert, David
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Neutrokin-alpha Conjugate, Neutrokin-alpha Complex, and Uses The
; FILE REFERENCE: 1488.1810002
; CURRENT APPLICATION NUMBER: US/10/742,634
; PRIOR FILING DATE: 2003-12-22
; PRIOR APPLICATION NUMBER: US 60/435,262
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/467,198
; PRIOR FILING DATE: 2003-05-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

Query Match 100.0%; Score 964; DB 6; Length 184;
Best Local Similarity 100.0%; Pred. No. 5.5e-94;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MLQWAGQCSQNEYFDSLHACIPQCLRCSSNTPPLTCORYCNASVTNSVKGTNAILWTCL	60
Db	1	MLQWAGQCSQNEYFDSLHACIPQCLRCSSNTPPLTCORYCNASVTNSVKGTNAILWTCL	60
Qy	61	GLSLIIISLAVFVLMFLLRKISSEPLKDBFKNTGSLGGMANIDLEKSRGTGDEIILPRGLE	120
Db	61	GLSLIIISLAVFVLMFLLRKISSEPLKDBFKNTGSLGGMANIDLEKSRGTGDEIILPRGLE	120
Qy	121	YTVBECTCEBCIKSPKVDSDHCFPLPAMEGATILVTTKTDYCKSLPAALSATEIEKS	180
Db	121	YTVBECTCEBCIKSPKVDSDHCFPLPAMEGATILVTTKTDYCKSLPAALSATEIEKS	180
Qy	181	ISAR	184
Db	181	ISAR	184

RESULT 2

Query Match 12.1%; Score 116.5; DB 6; Length 175;
Best Local Similarity 29.4%; Pred. No. 3.3e-05;
Matches 50; Conservative 21; Mismatches 64; Indels 35; Gaps 8;

QY 7 QCSNEYFDSLHACIPCOL-----RCSNTPTLCQRYCNASVTNSVK---GTNAIL 56
DB 21 QCNQTECFDPLVRNCVSCLEFHTPDGHTSSLEPGTALQPQESGALRPDVALLVGAPALL 80
QY 57 WTCGLSLII--ISLAVFLMFLRKIS---SPLKDEFKNTGSGLLGMANIDLEKSRGTD 111
DB 81 GLILALTGLVLSVSWRWRQRLTASPTSGVQOE-----SLENVFPSSSET-- 129
QY 112 EILPRGLETVVECTEDCIKSKPKVSDHCFPLPAMEEGATILVTTKT 161
DB 130 ----PHASAPTWPLK-EDADSALEPR----HSVPVPATELGSTELVTTKT 170

RESULT 6

US-10-742-634-5
; Sequence 5, Application US/10742634
; Publication No. US20050249671A9
; GENERAL INFORMATION:
; APPLICANT: Parmelee, David
; APPLICANT: Yeh, Ren-Hwa
; APPLICANT: Galperina, Olga
; APPLICANT: Hilbert, David
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Neurokine-alpha Conjugate, Neurokine-alpha Complex, and Uses Th
; FILE REFERENCE: 1488.1810002
; CURRENT APPLICATION NUMBER: US/10/742,634
; PRIOR FILING DATE: 2003-12-22
; PRIOR APPLICATION NUMBER: US 60/435,262
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/467,198
; PRIOR FILING DATE: 2003-05-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-5

Query Match 9.6%; Score 93; DB 6; Length 184;
Best Local Similarity 26.5%; Pred. No. 0.01;
Matches 48; Conservative 20; Mismatches 65; Indels 48; Gaps 8;

QY 8 CSQNEYFDSLHACIPCOL-----RCSNTPTLCQRYCNASVTNSVKGTNAIL 56
DB 19 CVPACFDLLVRHCVACGLLRTPRPKPAGASSPAPRTALQPQESVGAGAGEAALPLPGLL 78
QY 57 W---TCGLSLIIISLAVFLMF-----LLRKISSEPLKDEFKNTGSGLLGMANIDLEKS 107
DB 79 FGAPALLGLALVLALVLVGLVSWRRRQRLRGASSAEAPDGDKAPEL----- 127
QY 108 RTGDEIILPRGLETVVECTC-----EDCIKSKPKVSDHCFPLPAMEEGATILVTTK 160
DB 128 ---DKVII---LSPGISDATAPAMPPEGDEPTTP-----GHSVPVPATELGSTELVTTK 177
QY 161 T 161
DB 178 T 178

RESULT 7

US-10-967-527A-5
; Sequence 5, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Znf14, A Tumor Necrosis Factor

; TITLE OF INVENTION: Receptor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-967-527A-5

Query Match 9.6%; Score 93; DB 6; Length 184;
Best Local Similarity 26.5%; Pred. No. 0.01;
Matches 48; Conservative 20; Mismatches 65; Indels 48; Gaps 8;

QY 8 CSQNEYFDSLHACIPCOL-----RCSNTPTLCQRYCNASVTNSVKGTNAIL 56
DB 19 CVPACFDLLVRHCVACGLLRTPRPKPAGASSPAPRTALQPQESVGAGAGEAALPLPGLL 78
QY 57 W---TCGLSLIIISLAVFLMF-----LLRKISSEPLKDEFKNTGSGLLGMANIDLEKS 107
DB 79 FGAPALLGLALVLALVLVGLVSWRRRQRLRGASSAEAPDGDKAPEL----- 127
QY 108 RTGDEIILPRGLETVVECTC-----EDCIKSKPKVSDHCFPLPAMEEGATILVTTK 160
DB 128 ---DKVII---LSPGISDATAPAMPPEGDEPTTP-----GHSVPVPATELGSTELVTTK 177
QY 161 T 161
DB 178 T 178

RESULT 8

US-11-054-281-135
; Sequence 135, Application US/11054281
; Publication No. US20060013813A1
; GENERAL INFORMATION:
; APPLICANT: Mezes et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-240CIP
; CURRENT APPLICATION NUMBER: US/11/054,281
; CURRENT FILING DATE: 2005-02-08
; PRIOR APPLICATION NUMBER: 60/261,014
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,018
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/318,410
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/261,013
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,026
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,029
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/313,170
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 10/044,564
; PRIOR FILING DATE: 2002-01-11
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 135
; LENGTH: 858
; TYPE: PRT
; ORGANISM: Mus musculus
US-11-054-281-135

Query Match 9.0%; Score 86.5; DB 7; Length 858;
Best Local Similarity 22.7%; Pred. No. 0.34;
Matches 44; Conservative 30; Mismatches 67; Indels 53; Gaps 10;

QY 18 LHACIPQLRCSSNTPLTCORYCNASVTSVKGTTNAILWTCLGLSLIISLAVFVLMFLL 77
Db 117 LVGCFWCMRC-----CNK-CGSEMHQKQKQNAFCRRKCLGLSLVLCILMSLGIY 167
QY 78 RKISSEPLKDEKFNKTSGLLGMANIDLEKSGTGD-EIIL---PRGLEVTVEECTCE---- 129
Db 168 GFVANQOTRTRIKGTQK-----LAKSNFRDFQTLTETPKQIDYVVEQYNTNKKA 218
QY 130 -----DCIKS-----KPKVDSHCFPLPAMEEGATILVTTK-TNDYCKSLPAAL-- 172
Db 219 FSDLDGIGSVLGGRIKQDKPKV-----TPVLEEIKAMATAIKQTKDALQNMSSLSKS 271
QY 173 ---SATEIEKSISA 183
Db 272 LQDAATQLNTNLSS 285

RESULT 9
US-11-054-281-134
; Sequence 134, Application US/11054281
; Publication No. US20060013813A1
; GENERAL INFORMATION:
; APPLICANT: Mezes et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-240CIP
; CURRENT APPLICATION NUMBER: US/11/054,281
; PRIOR FILING DATE: 2005-02-08
; PRIOR APPLICATION NUMBER: 60/261,014
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,018
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/318,410
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/261,013
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,026
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,029
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/313,170
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 10/044,564
; PRIOR FILING DATE: 2002-01-11
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 134
; LENGTH: 867
; TYPE: PRT
; ORGANISM: Mus musculus
US-11-054-281-134

Query Match 9.0%; Score 86.5; DB 7; Length 867;
Best Local Similarity 22.7%; Pred. No. 0.34;
Matches 44; Conservative 30; Mismatches 67; Indels 53; Gaps 10;
QY 18 LHACIPQLRCSSNTPLTCORYCNASVTSVKGTTNAILWTCLGLSLIISLAVFVLMFLL 77
Db 126 LVGCFWCMRC-----CNK-CGSEMHQKQKQNAFCRRKCLGLSLVLCILMSLGIY 176
QY 78 RKISSEPLKDEKFNKTSGLLGMANIDLEKSGTGD-EIIL---PRGLEVTVEECTCE---- 129
Db 177 GFVANQOTRTRIKGTQK-----LAKSNFRDFQTLTETPKQIDYVVEQYNTNKKA 227
QY 130 -----DCIKS-----KPKVDSHCFPLPAMEEGATILVTTK-TNDYCKSLPAAL-- 172
Db 228 FSDLDGIGSVLGGRIKQDKPKV-----TPVLEEIKAMATAIKQTKDALQNMSSLSKS 280
QY 173 ---SATEIEKSISA 183
Db 281 LQDAATQLNTNLSS 294
RESULT 10

US-10-967-527A-19
; Sequence 19, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnfr14, A Tumor Necrosis Factor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; PRIOR FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 292
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-967-527A-19

Query Match 8.1%; Score 78.5; DB 6; Length 292;
Best Local Similarity 19.9%; Pred. No. 0.6;
Matches 41; Conservative 35; Mismatches 73; Indels 57; Gaps 10;
QY 8 CSQNEYFDSLHACIPQLRCSSNTPLTCORYCNASVTSVKGTTNAILWTCLGLSLI 65
Db 34 CPBEQYWDPLLTGTCMSCKTICNHQS-QRTCAAFGRSLSCRKQKQKPYDHLRLDCISCASI 92
QY 66 I-----SLAVFVLMFL-----LRKISSEPLKDEKFNKTSGLLGMANIDLEKS----- 107
Db 93 CGQHPKQCAIFYCENKLRSPVNLPPELRRQRSGVEVNNDSNGR-YQGLEHGRSEASPALP 151
QY 108 ---RTGDEIILPRG-----LEYTVEECTCEDCIKSKP-----KVD 139
Db 152 GLKLSADQVALVYTLGLCLCAVLCCFLVAVACFLKXRGDPCSCQP--RSRPRQSPAKSS 209
QY 140 SDHCFFPLPAMEEGATILVTTKTNDYC 165
Db 210 QDH-----AMEAGSPVSTSPPEVETC 230

RESULT 11
US-10-742-634-7
; Sequence 7, Application US/10742634
; Publication No. US20050249671A9
; GENERAL INFORMATION:
; APPLICANT: Parmelee, David
; APPLICANT: Yeh, Ren-Hwa
; APPLICANT: Galperina, Olga
; APPLICANT: Hilbert, David
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Neurokine-alpha Conjugate, Neurokine-alpha Complex, and Uses The
; FILE REFERENCE: 1488.1810002
; CURRENT APPLICATION NUMBER: US/10/742,634
; PRIOR FILING DATE: 2003-12-22
; PRIOR APPLICATION NUMBER: US 60/435,262
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/467,198
; PRIOR FILING DATE: 2003-05-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 293
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-7

Query Match 8.1%; Score 78.5; DB 6; Length 293;
Best Local Similarity 19.9%; Pred. No. 0.6;
Matches 41; Conservative 35; Mismatches 73; Indels 57; Gaps 10;

Db 134 GS-----ILDKIERPMLNLFKNNETVIAA VAPAIAQGFGENVSLEMLRTAFK 181
Qy 110 -----GDEILPGLBYT-----VEECTCEDCIKSKPKVDS-----HC 143
Db 182 KVGFDAMVEVAFFADMLTIKEAFEFNELVNSKODLMTSCCPMWSMIRKIKYKDLARHV 241
Qy 144 FP--LPAMEGATILVTKNDYCK 166
Db 242 SPSVSPMIASGRVI---KKLNPCK 263

RESULT 15

US-10-055-877-56
; Sequence 56, Application US/10055877
; Publication No. US20050288241A1
; GENERAL INFORMATION:
; APPLICANT: DeCristofaro, Marc
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Miller, Charles
; APPLICANT: Tchernev, Velizar
; APPLICANT: Zhong, Mei
; APPLICANT: Anderson, David
; APPLICANT: Ballinger, Robert
; APPLICANT: Gerlach, Valerie
; APPLICANT: Spytek, Kimberly
; APPLICANT: Ratelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Guo, Xiaojia
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Andrew, David
; APPLICANT: Mezes, Peter
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine
; APPLICANT: Eisen, Andrew
; APPLICANT: Wolenc, Adam
; APPLICANT: Baumgartner, Jason
; APPLICANT: Shimkets, Richard
; APPLICANT: Gusev, Vladimir
; APPLICANT: Vernet, Corine
; APPLICANT: Taupier Jr., Raymond
; APPLICANT: Pena, Carol
; APPLICANT: Shenoy, Suresh
; APPLICANT: Li, Li
; APPLICANT: Caeman, Stacie
; APPLICANT: Boldog, Ferenc
; TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoded Thereby
; FILE REFERENCE: 21402-251
; CURRENT APPLICATION NUMBER: US/10/055,877
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262,892
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/263,598
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/263,799
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 60/264,117
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/264,139
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/264,478
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/263,351
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/272,870
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 60/275,990
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/275,927
; PRIOR FILING DATE: 2001-03-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 512
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 56

; LENGTH: 314
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-055-877-56

Query Match 7.4%; Score 71.5; DB 6; Length 314;
Best Local Similarity 28.1%; Pred. No. 3.5;
Matches 36; Conservative 14; Mismatches 55; Indels 23; Gaps 6;

Qy 16 SLLHACIPCOLR-CSSNT-PPLTCQRYCNASVTNSVKGTTNAILWTCLGL-SLIISLA--- 69
Db 156 SLLHVTLMMLPFCGNNVIDHITCEILALKLVCSDTINVLIMTVTNIVSLVILLILIF 215
Qy 70 ---VFVLMFLLRKISSPEPKDEFKNT-----GSGILGMANIDLEKSRGTDEIIL 115
Db 216 ISYVFILSSILRINCAEGRKKAFSTCSAHSIVVILFYGSALFMYMKPKSKNTNTSDEII- 274
Qy 116 PRGLETV 123
Db 275 --GLSYGV 280

Search completed: February 14, 2006, 17:49:35
Job time : 17.4436 secs

GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 14, 2006, 17:28:30 ; Search time 14.9745 Seconds
(without alignments)
281.577 Million cell updates/sec

Title: US-10-077-438-1_COPY_1_51

Perfect score: 283

Sequence: 1 MLQWAGQCSQNEYFDSLHA.....TPPLTCORYCNASVTSVKG 51

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*

- 1: /cgn2_6/ptodata/1/iaa/5_COMB.pep.*
- 2: /cgn2_6/ptodata/1/iaa/6_COMB.pep.*
- 3: /cgn2_6/ptodata/1/iaa/H_COMB.pep.*
- 4: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep.*
- 5: /cgn2_6/ptodata/1/iaa/RE_COMB.pep.*
- 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	283	100.0	184	2	US-09-565-423-11
2	283	100.0	192	2	US-09-949-016-11115
3	269	95.1	51	2	US-09-854-864-6
4	269	95.1	181	2	US-09-854-864-5
5	269	95.1	283	2	US-09-854-864-9
6	249	88.0	58	2	US-09-854-864-21
7	201	71.0	34	2	US-09-854-864-7
8	201	71.0	81	2	US-09-854-864-13
9	181	64.0	185	2	US-09-565-423-17
10	181	64.0	185	2	US-09-854-864-11
11	181	64.0	281	2	US-09-854-864-10
12	104	36.7	117	2	US-09-854-864-12
13	67.5	23.9	59	2	US-09-854-864-20
14	67.5	23.9	166	1	US-08-810-572A-6
15	67.5	23.9	166	2	US-09-290-333-6
16	67.5	23.9	166	2	US-09-782-857A-6
17	67.5	23.9	166	2	US-09-854-864-15
18	67.5	23.9	293	1	US-08-810-572A-2
19	67.5	23.9	293	2	US-09-290-333-2
20	67.5	23.9	293	2	US-09-782-857A-2
21	67.5	23.9	293	2	US-09-879-919-22
22	67.5	23.9	293	2	US-09-848-295-4
23	67.5	23.9	293	2	US-09-854-864-14
24	67.5	23.9	397	2	US-09-854-864-18
25	66.5	23.5	67	2	US-09-854-864-16
26	64.5	22.8	581	2	US-10-104-047-2804
27	64.5	22.8	880	2	US-10-104-047-2834

28	63	22.3	1106	2	US-09-949-016-9626	Sequence 9626, Ap
29	61.5	21.7	99	2	US-09-950-933A-82	Sequence 82, Appl
30	59	20.8	556	2	US-09-252-991A-18110	Sequence 18110, A
31	58.5	20.7	670	2	US-09-270-767-41037	Sequence 41037, A
32	58.5	20.7	670	2	US-09-270-767-56253	Sequence 56253, A
33	58	20.5	1792	2	US-09-561-818A-4	Sequence 4, Appli
34	58	20.5	1800	2	US-09-561-818A-8	Sequence 8, Appli
35	58	20.5	1816	2	US-09-561-818A-2	Sequence 2, Appli
36	58	20.5	1824	2	US-09-561-818A-6	Sequence 6, Appli
37	57.5	20.3	142	2	US-09-848-295-2	Sequence 2, Appli
38	57	20.1	201	2	US-09-270-767-31650	Sequence 31650, A
39	57	20.1	201	2	US-09-270-767-46867	Sequence 46867, A
40	57	20.1	760	2	US-09-589-892B-11	Sequence 11, Appl
41	56	19.8	2476	1	US-08-276-967-2	Sequence 2, Appli
42	56	19.8	3597	2	US-10-037-417-6	Sequence 6, Appli
43	56	19.8	3600	2	US-10-037-417-2	Sequence 2, Appli
44	55.5	19.6	3647	2	US-09-949-016-10932	Sequence 10932, A
45	55.5	19.6	5405	2	US-08-718-388-9	Sequence 9, Appli

ALIGNMENTS

RESULT 1

US-09-565-423-11

; Sequence 11, Application US/09565423

; Patent No. 6475987

; GENERAL INFORMATION:

; APPLICANT: Shu, Hong-Bing

; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND METHODS OF USE THEREOF

; FILE REFERENCE: 2879-72

; CURRENT APPLICATION NUMBER: US/09/565,423

; CURRENT FILING DATE: 2000-05-05

; PRIOR APPLICATION NUMBER: UNKNOWN

; PRIOR FILING DATE: 2000-05-01

; PRIOR APPLICATION NUMBER: 60/132,892

; PRIOR FILING DATE: 1999-05-06

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 11

; LENGTH: 184

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-565-423-11

Query Match 100.0%; Score 283; DB 2; Length 184;

Best Local Similarity 100.0%; Pred. No. 4e-26;

Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGQCSQNEYFDSLHACIPQCRSSNTPPLTCORYCNASVTSVKG 51

Db 1 MLQWAGQCSQNEYFDSLHACIPQCRSSNTPPLTCORYCNASVTSVKG 51

RESULT 2

US-09-949-016-11115

; Sequence 11115, Application US/09949016

; Patent No. 6812339

; GENERAL INFORMATION:

; APPLICANT: VENTER, J. Craig et al.

; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

; FILE REFERENCE: CLO01307

; CURRENT APPLICATION NUMBER: US/09/949,016

; CURRENT FILING DATE: 2000-04-14

; PRIOR APPLICATION NUMBER: 60/241,755

; PRIOR FILING DATE: 2000-10-20

; PRIOR APPLICATION NUMBER: 60/237,768

; PRIOR FILING DATE: 2000-10-03

; PRIOR APPLICATION NUMBER: 60/231,498

; PRIOR FILING DATE: 2000-09-08

; NUMBER OF SEQ ID NOS: 207012

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11115
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11115

Query Match      100.0%; Score 283; DB 2; Length 192;
Best Local Similarity 100.0%; Pred. No. 4.2e-26;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 51
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Db 9 MLWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 59

RESULT 3
US-09-854-864-6
; Sequence 6, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-6

Query Match      95.1%; Score 269; DB 2; Length 51;
Best Local Similarity 100.0%; Pred. No. 4.7e-25;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 MAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 51
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Db 1 MAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 48

RESULT 4
US-09-854-864-5
; Sequence 5, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-5

Query Match      95.1%; Score 269; DB 2; Length 181;
Best Local Similarity 100.0%; Pred. No. 1.8e-24;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 MAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 51
    |||||
Db 1 MAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 48

RESULT 5
US-09-854-864-9
; Sequence 9, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 283
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-9

Query Match      95.1%; Score 269; DB 2; Length 283;
Best Local Similarity 100.0%; Pred. No. 2.9e-24;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 MAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 51
    |||||
Db 1 MAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 48

RESULT 6
US-09-854-864-21
; Sequence 21, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 58
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-21

Query Match      88.0%; Score 249; DB 2; Length 58;
Best Local Similarity 100.0%; Pred. No. 1.3e-22;
Matches 44; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 CSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 51
    |||||
Db 1 CSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 44
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RESULT 7
US-09-854-864-7
; Sequence 7, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-7

Query Match          71.0%; Score 201; DB 2; Length 34;
Best Local Similarity 100.0%; Pred.No. 3.7e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 CSONEYFDSLHACIPQLRCSSNTPLTCORYC 41
        |||||||
DB      1 CSONEYFDSLHACIPQLRCSSNTPLTCORYC 34
        |||||||

RESULT 8
US-09-854-864-13
; Sequence 13, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 81
; TYPE: PRT
; ORGANISM: Consensus
US-09-854-864-13

Query Match          71.0%; Score 201; DB 2; Length 81;
Best Local Similarity 100.0%; Pred.No. 9.2e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 CSONEYFDSLHACIPQLRCSSNTPLTCORYC 41
        |||||||
DB      1 CSONEYFDSLHACIPQLRCSSNTPLTCORYC 34
        |||||||

RESULT 9
US-09-565-423-17
; Sequence 17, Application US/09565423
; Patent No. 6475987
; GENERAL INFORMATION:

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1 / Patent No. 6316222
2 /
3 / GENERAL INFORMATION:
4 /
5 / APPLICANT: Bram, Richard J.
6 /      von Bulow, Gotz
7 /
8 / TITLE OF INVENTION: A LYMPHOCYTE SURFACE RECEPTOR THAT BINDS
9 /      CAML, NUCLEIC ACIDS ENCODING THE SAME AND METHODS OF USE
10 /      THEREOF
11 /
12 / NUMBER OF SEQUENCES: 11
13 /
14 / CORRESPONDENCE ADDRESS:
15 /      ADDRESSEE: David A. Jackson, Esq.
16 /      STREET: 411 Hackensack Ave, Continental Plaza, 4th
17 /      floor
18 /      CITY: Hackensack
19 /      STATE: New Jersey
20 /      COUNTRY: USA
21 /      ZIP: 07601
22 /
23 / COMPUTER READABLE FORM:
24 /      MEDIUM TYPE: Floppy disk
25 /      COMPUTER: IBM PC compatible
26 /      OPERATING SYSTEM: PC-DOS/MS-DOS
27 /      SOFTWARE: Patentin Release #1.0, Version #1.30
28 /
29 / CURRENT APPLICATION DATA:
30 /      APPLICATION NUMBER: US/09/290,333
31 /      FILING DATE: 12-Apr-1999
32 /      CLASSIFICATION: <Unknown>
33 /
34 / ATTORNEY/AGENT INFORMATION:
35 /      NAME: Jackson Esq., David A.
36 /      REGISTRATION NUMBER: 26,742
37 /      REFERENCE/DOCKET NUMBER: 1340-1-007 PCT
38 /
39 / TELECOMMUNICATION INFORMATION:
40 /      TELEPHONE: 201-487-5800
41 /      TELEFAX: 201-343-1684
42 /
43 / INFORMATION FOR SEQ ID NO: 6:
44 /      SEQUENCE CHARACTERISTICS:
45 /          LENGTH: 166 amino acids
46 /          TYPE: amino acid
47 /          STRANDEDNESS: single
48 /          TOPOLOGY: linear
49 /      MOLECULE TYPE: peptide
50 /      HYPOTHETICAL: NO
51 /      FRAGMENT TYPE: N-terminal
52 /      ORIGINAL SOURCE:
53 /          ORGANISM: Homo sapiens
54 /
55 /      SEQUENCE DESCRIPTION: SEQ ID NO: 6:
56 /
57 /
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Query Match 23.9%; Score 67.5; DB 2; Length 166;
Best Local Similarity 30.6%; Pred. No. 1.4;
Matches 11; Conservative 9; Mismatches 15; Indels 1; Gaps 1;

QY 8 CSQNEYEDSLHACIPQCLRCSSNTPPLTQRYCNA 43
| : : | : | : | : : | : : | : : | : :
Db 34 CPEEYWDPLLGTCMSCKTICNHOS-ORTCAAFCS 68

Search completed: February 14, 2006, 17:30:16
Job time : 15.9745 secs

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GenCore version 5.1.7
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM protein - protein search, using sw model

Run on: February 15, 2006, 09:58:15 ; Search time 25.6085 Seconds
(without alignments)
832.118 Million cell updates/sec

Title: US-10-077-438-1_COPY_1_51

Perfect score: 283

Sequence: 1 MLQWAGQCSQNEYFDSLHA.....TPPLTCQRYCNASVTNSVKG 51

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA Main:

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	283	100.0	184	4	US-10-077-438-1
2	283	100.0	184	4	US-10-077-438-7
3	283	100.0	184	4	US-10-077-137-1
4	283	100.0	184	4	US-10-077-137-7
5	283	100.0	184	4	US-10-068-725-2
6	283	100.0	184	4	US-10-151-882-47
7	283	100.0	184	4	US-10-115-192-8
8	283	100.0	184	4	US-10-008-063-7
9	283	100.0	184	4	US-10-152-363A-27
10	283	100.0	184	4	US-10-216-074-11
11	283	100.0	184	4	US-10-087-080-39
12	283	100.0	184	4	US-10-742-634-9
13	283	100.0	184	5	US-10-626-914-6
14	283	100.0	184	5	US-10-485-489-6
15	283	100.0	184	5	US-10-861-049-27
16	283	100.0	184	5	US-10-989-826-46
17	283	100.0	184	6	US-11-021-874-27
18	283	100.0	302	4	US-10-115-192-12
19	269	95.1	51	3	US-09-854-864-6
20	269	95.1	51	3	US-09-855-158-6
21	269	95.1	181	3	US-09-854-864-5
22	269	95.1	181	3	US-09-855-158-5
23	269	95.1	283	3	US-09-854-864-9
24	269	95.1	283	3	US-09-855-158-9
25	263	92.9	207	4	US-10-077-438-3
26	263	92.9	207	4	US-10-077-137-3
27	249	88.0	58	3	US-09-854-864-21

28 249 88.0 58 3 US-09-855-158-21 Sequence 21, Appl
29 201 71.0 34 3 US-09-854-864-7 Sequence 7, Appl
30 201 71.0 34 3 US-09-855-158-7 Sequence 7, Appl
31 201 71.0 81 3 US-09-854-864-13 Sequence 13, Appl
32 201 71.0 81 3 US-09-855-158-13 Sequence 13, Appl
33 181 64.0 185 3 US-09-854-864-11 Sequence 11, Appl
34 181 64.0 185 3 US-09-855-158-11 Sequence 11, Appl
35 181 64.0 185 4 US-10-216-074-17 Sequence 17, Appl
36 181 64.0 281 3 US-09-854-864-10 Sequence 10, Appl
37 181 64.0 281 3 US-09-855-158-10 Sequence 10, Appl
38 158 55.8 42 4 US-10-145-206-137 Sequence 197, Appl
39 104 36.7 117 3 US-09-854-864-12 Sequence 12, Appl
40 104 36.7 117 3 US-09-855-158-12 Sequence 12, Appl
41 71.5 25.3 249 4 US-10-087-192-1647 Sequence 1647, Appl
42 70.5 24.9 1548 4 US-10-180-903-2 Sequence 2, Appl
43 69.5 24.6 5374 4 US-10-028-248A-75 Sequence 75, Appl
44 69.5 24.6 5374 4 US-10-107-782-75 Sequence 75, Appl
45 69.5 24.6 5376 4 US-10-028-248A-74 Sequence 74, Appl

ALIGNMENTS

RESULT 1
US-10-077-438-1
; Sequence 1, Application US/10077438
; Publication No. US20020165156A1
; GENERAL INFORMATION:

; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschopp, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.

; TITLE OF INVENTION: Baff Receptor (BCMA), An
; TITLE OF INVENTION: Immunoregulatory Agent
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,438

; CURRENT FILING DATE: 2002-02-18

; PRIOR APPLICATION NUMBER: 60/149,378

; PRIOR FILING DATE: 1999-08-17

; PRIOR APPLICATION NUMBER: 60/181,684

; PRIOR FILING DATE: 2000-02-11

; PRIOR APPLICATION NUMBER: 60/183,536

; PRIOR FILING DATE: 2000-02-18

; NUMBER OF SEQ ID NOS: 8

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 1

; LENGTH: 184

; TYPE: PRT

; ORGANISM: homo sapien

US-10-077-438-1

Query Match 100.0%; Score 283; DB 4; Length 184;

Best Local Similarity 100.0%; Pred. No. 2.3e-25;

Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCQRYCNASVTNSVKG 51

Db 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCQRYCNASVTNSVKG 51

RESULT 2

US-10-077-438-7

; Sequence 7, Application US/10077438

; Publication No. US20020165156A1

; GENERAL INFORMATION:

; APPLICANT: MacKay, Fabienne

; APPLICANT: Browning, Jeffrey

; APPLICANT: Ambrose, Christine

; APPLICANT: Tschopp, Jurg

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; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; TITLE OF INVENTION: Immunoregulatory Agent
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,438
; CURRENT FILING DATE: 2002-02-18
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-438-7

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
   |||||
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 3
US-10-077-137-1
; Sequence 1, Application US/10077137
; Publication No. US20020172674A1
; GENERAL INFORMATION:
; APPLICANT: Mackay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschoopp, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; TITLE OF INVENTION: Immunoregulatory Agent
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,137
; CURRENT FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-137-1

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
   |||||
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 4
US-10-077-137-7
; Sequence 7, Application US/10077137
; Publication No. US20020172674A1
; GENERAL INFORMATION:
; APPLICANT: Mackay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschoopp, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; TITLE OF INVENTION: Immunoregulatory Agent
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,137
; CURRENT FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-137-7

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
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Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 5
US-10-068-725-2
; Sequence 2, Application US/10068725
; Publication No. US20030012783A1
; GENERAL INFORMATION:
; APPLICANT: Kindsvogel, Wayne
; TITLE OF INVENTION: Antibodies That Bind Both BCMA and TACI
; FILE REFERENCE: 01-04
; CURRENT APPLICATION NUMBER: US/10/068,725
; CURRENT FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: 60/270,274
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/283,447
; PRIOR FILING DATE: 2001-04-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-068-725-2

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
   |||||
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 6
US-10-068-725-2
; Sequence 2, Application US/10068725
; Publication No. US20030012783A1
; GENERAL INFORMATION:
; APPLICANT: Kindsvogel, Wayne
; TITLE OF INVENTION: Antibodies That Bind Both BCMA and TACI
; FILE REFERENCE: 01-04
; CURRENT APPLICATION NUMBER: US/10/068,725
; CURRENT FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: 60/270,274
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/283,447
; PRIOR FILING DATE: 2001-04-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-068-725-2

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
   |||||
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
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US-10-151-882-47
; Sequence 47, Application US/10151882
; Publication No. US20030059862A1
; GENERAL INFORMATION:
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Antibodies Against Tumor Necrosis Factor Delta (APRIL)
; FILE REFERENCE: PF554
; CURRENT APPLICATION NUMBER: US/10/151,882
; CURRENT FILING DATE: 2002-05-22
; PRIOR APPLICATION NUMBER: 60/293,100
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 47
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-151-882-47

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCQRYCNASVTNSVKG 51
DB 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCQRYCNASVTNSVKG 51

RESULT 7
US-10-115-192-8
; Sequence 8, Application US/10115192
; Publication No. US20030082175A1
; GENERAL INFORMATION:
; APPLICANT: Apotech R & D S.A.
; TITLE OF INVENTION: April Receptor (BCMA) and Uses Thereof
; FILE REFERENCE: A083PCT
; CURRENT APPLICATION NUMBER: US/10/115,192
; CURRENT FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: 60/215688
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 60/181807
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/157933
; PRIOR FILING DATE: 1999-10-06
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-115-192-8

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCQRYCNASVTNSVKG 51
DB 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCQRYCNASVTNSVKG 51

US-10-151-882-47
; Sequence 47, Application US/10151882
; Publication No. US20030059862A1
; GENERAL INFORMATION:
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Antibodies Against Tumor Necrosis Factor Delta (APRIL)
; FILE REFERENCE: PF554
; CURRENT APPLICATION NUMBER: US/10/151,882
; CURRENT FILING DATE: 2002-05-22
; PRIOR APPLICATION NUMBER: 60/293,100
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 47
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-151-882-47

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCQRYCNASVTNSVKG 51
DB 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCQRYCNASVTNSVKG 51

RESULT 9
US-10-152-363A-27
; Sequence 27, Application US/10152363A
; Publication No. US20030103986A1
; GENERAL INFORMATION:
; APPLICANT: Rixon, Mark W.
; APPLICANT: Gross, Jane A.
; TITLE OF INVENTION: TACI-Immunoglobulin Fusion Proteins
; FILE REFERENCE: 01-20
; CURRENT APPLICATION NUMBER: US/10/152,363A
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 60/293,343
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-152-363A-27

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCQRYCNASVTNSVKG 51
DB 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCQRYCNASVTNSVKG 51

RESULT 10
US-10-216-074-11
; Sequence 11, Application US/10216074
; Publication No. US20030148445A1
; GENERAL INFORMATION:
; APPLICANT: Shu, Hong-Bing
; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
; FILE REFERENCE: 2879-72
; TITLE OF INVENTION: METHODS OF USE THEREOF
; CURRENT APPLICATION NUMBER: US/10/216,074
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/565,423
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/132,892
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-216-074-11
```

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; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-742-634-9

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51
    |||||
Db 1 MLQWAGCQSQNEYFDSLHLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 11
US-10-087-080-39
; Sequence 39, Application US/10087080
; Publication No. US20030235820A1
; GENERAL INFORMATION:
; APPLICANT: Mack, David H.
; APPLICANT: Markowitz, Sanford David
; APPLICANT: Eos Biotechnology, Inc.
; APPLICANT: Case Western Reserve University
; TITLE OF INVENTION: No. US20030235820A1el Methods of Diagnosis of Metastatic Colorectal Cancer
; TITLE OF INVENTION: Cancer, Compositions and Methods of Screening for
; TITLE OF INVENTION: Modulators of Metastatic Colorectal Cancer
; FILE REFERENCE: 018501-000840US
; CURRENT APPLICATION NUMBER: US/10/087,080
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/272,206
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: US 60/281,149
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 60/284,555
; PRIOR FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: tumor necrosis factor receptor superfamily, member
; OTHER INFORMATION: 17 (TNFRSF17)
US-10-087-080-39

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51
    |||||
Db 1 MLQWAGCQSQNEYFDSLHLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 12
US-10-742-634-9
; Sequence 9, Application US/10742634
; Publication No. US20040208824A1
; GENERAL INFORMATION:
; APPLICANT: Parmelee, David
; APPLICANT: Yeh, Ren-Hwa
; APPLICANT: Galperina, Olga
; APPLICANT: Hilbert, David
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Neurotrophin-alpha Conjugate, Neurotrophin-alpha Complex, and Uses Thereof
; FILE REFERENCE: 1488.1810002
; CURRENT APPLICATION NUMBER: US/10/742,634
; CURRENT FILING DATE: 2003-12-22
; PRIOR APPLICATION NUMBER: US 60/435,262
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/467,198
; PRIOR FILING DATE: 2003-05-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 184
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; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-742-634-9

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51
    |||||
Db 1 MLQWAGCQSQNEYFDSLHLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 13
US-10-626-914-6
; Sequence 6, Application US/10626914
; Publication No. US20050043516A1
; GENERAL INFORMATION:
; Patin Docket Preview
; APPLICANT: CHUNTHARAPAI, ANAN
; APPLICANT: GREWAL, IQBAL
; APPLICANT: KIM, KYUNG JIN
; APPLICANT: YAN, MINHONG
; TITLE OF INVENTION: TAC1 Antibodies and Uses Thereof
; FILE REFERENCE: P1942R1
; CURRENT APPLICATION NUMBER: US/10/626,914
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: US 60/398,530
; PRIOR FILING DATE: 2002-07-25
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 6
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapien
; US-10-626-914-6

Query Match      100.0%; Score 283; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51
    |||||
Db 1 MLQWAGCQSQNEYFDSLHLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 14
US-10-485-489-6
; Sequence 6, Application US/10485489
; Publication No. US20050070689A1
; GENERAL INFORMATION:
; APPLICANT: Dixit, Vishva
; APPLICANT: Grewal, Iqbal
; APPLICANT: Ridgway, John
; APPLICANT: Yan, Minhong
; TITLE OF INVENTION: TAC1s and BR3 Polypeptides and Uses Thereof
; FILE REFERENCE: 11669.175USWO
; CURRENT APPLICATION NUMBER: US/10/485,489
; CURRENT FILING DATE: 2004-01-30
; PRIOR APPLICATION NUMBER: PCT/US02/23487
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: US 60/310,114
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/377,171
; PRIOR FILING DATE: 2002-04-30
; NUMBER OF SEQ ID NOS: 19
; SEQ ID NO 6
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-485-489-6

Query Match      100.0%; Score 283; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
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Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51
DB 1 MLQWAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51

RESULT 15
US-10-861-049-27
; Sequence 27, Application US/10861049
; Publication No. US20050095243A1
; GENERAL INFORMATION:
; APPLICANT: Andrew Chan
; APPLICANT: Qian Gong
; APPLICANT: Flavius Martin
; TITLE OF INVENTION: COMBINATION THERAPY FOR B CELL DISORDERS
; FILE REFERENCE: P2040R1US
; CURRENT APPLICATION NUMBER: US/10/861,049
; CURRENT FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: US 60/476,531
; PRIOR FILING DATE: 2003-06-06
; PRIOR APPLICATION NUMBER: US 60/476,481
; PRIOR FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US 60/476,414
; PRIOR FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 27
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-861-049-27

Query Match 100.0%; Score 283; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51
DB 1 MLQWAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51

RESULT 16
US-10-989-826-46
; Sequence 46, Application US/10989826
; Publication No. US20050238650A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Crowley, Craig
; APPLICANT: De Sauvage, Frederic J.
; APPLICANT: Eaton, Daniel L.
; APPLICANT: Ebens, Allen
; APPLICANT: Polson, Andrew
; APPLICANT: Smith, Victoria
; TITLE OF INVENTION: Compositions and Methods for the Treatment of Tumor of Hematopoietic Origin
; FILE REFERENCE: P5105R1US
; CURRENT APPLICATION NUMBER: US/10/989,826
; CURRENT FILING DATE: 2004-11-16
; PRIOR APPLICATION NUMBER: US 60/520,842
; PRIOR FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: US 60/532,426
; PRIOR FILING DATE: 2003-12-24
; NUMBER OF SEQ ID NOS: 75
; SEQ ID NO 46
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-989-826-46

Query Match 100.0%; Score 283; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51
DB 1 MLQWAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51

RESULT 17
US-11-021-874-27
; Sequence 27, Application US/11021874
; Publication No. US20050163775A1
; GENERAL INFORMATION:
; APPLICANT: Andrew Chan
; APPLICANT: Qian Gong
; APPLICANT: Flavius Martin
; TITLE OF INVENTION: COMBINATION THERAPY FOR B CELL DISORDERS
; FILE REFERENCE: P2040R1P1
; CURRENT APPLICATION NUMBER: US/11/021,874
; CURRENT FILING DATE: 2004-12-22
; PRIOR APPLICATION NUMBER: US 10/861,049
; PRIOR FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: US 60/476,531
; PRIOR FILING DATE: 2003-06-06
; PRIOR APPLICATION NUMBER: US 60/476,481
; PRIOR FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US 60/476,414
; PRIOR FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 27
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-021-874-27

Query Match 100.0%; Score 283; DB 6; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51
DB 1 MLQWAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51

RESULT 18
US-10-115-192-12
; Sequence 12, Application US/10115192
; Publication No. US20030082175A1
; GENERAL INFORMATION:
; APPLICANT: Apotech R & D S.A.
; APPLICANT: Biogen, Inc.
; TITLE OF INVENTION: April Receptor (BCMA) and Uses Thereof
; FILE REFERENCE: A083PCT
; CURRENT APPLICATION NUMBER: US/10/115,192
; CURRENT FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: 60/215688
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 60/181807
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/157933
; PRIOR FILING DATE: 1999-10-06
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 302
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-115-192-12

Query Match 100.0%; Score 283; DB 4; Length 302;
Best Local Similarity 100.0%; Pred. No. 3.7e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51
DB 24 MLQWAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 74

```

; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-6

Query Match          95.1%; Score 269; DB 3; Length 51;
Best Local Similarity 100.0%; Pred. No. 2.9e-24;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
Db  1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 48

RESULT 20
US-09-855-158-6
; Sequence 6, Application US/09855158
; Publication No. US20020086018A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA, BL
; FILE REFERENCE: A-686A
; CURRENT APPLICATION NUMBER: US/09/855,158
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-855-158-6

Query Match          95.1%; Score 269; DB 3; Length 51;
Best Local Similarity 100.0%; Pred. No. 2.9e-24;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
Db  1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 48

RESULT 21
US-09-854-864-5
; Sequence 5, Application US/09854864
; Patent No. US20020081296A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-5

Query Match          95.1%; Score 269; DB 3; Length 181;
Best Local Similarity 100.0%; Pred. No. 1e-23;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
Db  1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 48

RESULT 22
US-09-855-158-5
; Sequence 5, Application US/09855158
; Publication No. US20020086018A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA, BL
; FILE REFERENCE: A-686A
; CURRENT APPLICATION NUMBER: US/09/855,158
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-855-158-5

Query Match          95.1%; Score 269; DB 3; Length 181;
Best Local Similarity 100.0%; Pred. No. 1e-23;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
Db  1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 48

RESULT 23
US-09-854-864-9
; Sequence 9, Application US/09854864
; Patent No. US20020081296A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-9

Query Match          95.1%; Score 269; DB 3; Length 181;
Best Local Similarity 100.0%; Pred. No. 1e-23;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
Db  1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 48
```

```

; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-5

Query Match          95.1%; Score 269; DB 3; Length 181;
Best Local Similarity 100.0%; Pred. No. 1e-23;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
Db  1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 48

RESULT 22
US-09-855-158-5
; Sequence 5, Application US/09855158
; Publication No. US20020086018A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA, BL
; FILE REFERENCE: A-686A
; CURRENT APPLICATION NUMBER: US/09/855,158
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-855-158-5

Query Match          95.1%; Score 269; DB 3; Length 181;
Best Local Similarity 100.0%; Pred. No. 1e-23;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
Db  1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 48

RESULT 23
US-09-854-864-9
; Sequence 9, Application US/09854864
; Patent No. US20020081296A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-9

Query Match          95.1%; Score 269; DB 3; Length 181;
Best Local Similarity 100.0%; Pred. No. 1e-23;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
Db  1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 48
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; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 9
; LENGTH: 283
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-9

Query Match      95.1%; Score 269; DB 3; Length 283;
Best Local Similarity 100.0%; Pred. No. 1.6e-23;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 51
Db 1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 48

RESULT 24
US-09-855-158-9
; Sequence 9, Application US/09855158
; Publication No. US20020086018A1
; GENERAL INFORMATION:
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA, BL
; FILE REFERENCE: A-686A
; CURRENT APPLICATION NUMBER: US/09/855,158
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 9
; LENGTH: 283
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-855-158-9

Query Match      95.1%; Score 269; DB 3; Length 283;
Best Local Similarity 100.0%; Pred. No. 1.6e-23;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 51
Db 1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 48

RESULT 25
US-10-077-438-3
; Sequence 3, Application US/10077438
; Publication No. US20020165156A1
; GENERAL INFORMATION:
; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschoep, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,438
; CURRENT FILING DATE: 2002-02-18
; PRIOR APPLICATION NUMBER: 60/149,378
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; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 207
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-438-3

Query Match      92.9%; Score 263; DB 4; Length 207;
Best Local Similarity 71.8%; Pred. No. 5.8e-23;
Matches 51; Conservative 0; Mismatches 0; Indels 20; Gaps 1;

Qy 1 MLQWAGQCSQNEYFDSL-----LHACIPQCLRCSSNTPLTCORY 40
Db 39 MLQWAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCLHACIPQCLRCSSNTPLTCORY 98

Qy 41 CNASVTNSVKG 51
Db 99 CNASVTNSVKG 109

RESULT 26
US-10-077-137-3
; Sequence 3, Application US/10077137
; Publication No. US20020172674A1
; GENERAL INFORMATION:
; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschoep, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,137
; CURRENT FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 207
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-137-3

Query Match      92.9%; Score 263; DB 4; Length 207;
Best Local Similarity 71.8%; Pred. No. 5.8e-23;
Matches 51; Conservative 0; Mismatches 0; Indels 20; Gaps 1;

Qy 1 MLQWAGQCSQNEYFDSL-----LHACIPQCLRCSSNTPLTCORY 40
Db 39 MLQWAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCLHACIPQCLRCSSNTPLTCORY 98

Qy 41 CNASVTNSVKG 51
Db 99 CNASVTNSVKG 109

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Job time : 25.6085 secs
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GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 14, 2006, 17:45:25 ; Search time 4.55745 Seconds
(without alignments)
146.847 Million cell updates/sec

Title: US-10-077-438-1_COPY_1_51
Perfect score: 283
Sequence: 1 MLQWAGCQNEYFDSLHA.....TPPLTCQRYCNASVTNSVKG 51

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 97014 seqs, 13122538 residues

Total number of hits satisfying chosen parameters: 97014

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_AA New:
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2: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB pep.*
3: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB pep.*
4: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB pep.*
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8: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	283	100.0	184	6	US-10-742-634-9
2	283	100.0	184	6	US-10-967-527A-8
3	230	81.3	40	6	US-10-967-527A-9
4	181	64.0	185	6	US-10-967-527A-10
5	71.5	25.3	249	6	US-10-967-527A-21
6	67.5	23.9	48	6	US-10-967-527A-20
7	67.5	23.9	292	6	US-10-967-527A-19
8	67.5	23.9	293	6	US-10-742-634-7
9	67.5	23.9	293	7	US-11-221-849-2
10	65	23.0	1416	7	US-11-128-059-60
11	65	23.0	1494	7	US-11-128-059-78
12	65	23.0	2086	7	US-11-128-059-82
13	65	23.0	2313	7	US-11-128-059-80
14	65	23.0	2358	7	US-11-128-059-74
15	65	23.0	2417	6	US-10-453-372-228
16	65	23.0	2439	7	US-11-128-059-76
17	65	23.0	2458	7	US-11-128-059-94
18	65	23.0	2551	6	US-10-453-372-256
19	65	23.0	2551	7	US-11-128-059-96
20	64.5	22.8	897	7	US-11-137-465-35
21	64.5	22.8	993	7	US-11-137-465-36
22	63	22.3	175	6	US-10-967-527A-7
23	60.5	21.4	1574	6	US-10-055-877-211
24	60	21.2	934	6	US-10-453-372-1158
25	56	19.8	3597	7	US-11-019-711-6

ALIGNMENTS

RESULT 1
US-10-742-634-9
; Sequence 9, Application US/10742634
; Publication No. US20050249671A9
; GENERAL INFORMATION:
; APPLICANT: Parmelee, David
; APPLICANT: Yeh, Ren-Hwa
; APPLICANT: Galperina, Olga
; APPLICANT: Hilbert, David
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Neurokine-alpha Conjugate, Neurokine-alpha Complex, and Uses The
; FILE REFERENCE: 1488.1810002
; CURRENT APPLICATION NUMBER: US/10/742.634
; CURRENT FILING DATE: 2003-12-22
; PRIOR APPLICATION NUMBER: US 60/435,262
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/467,198
; PRIOR FILING DATE: 2003-05-02
; NUMBER OF SEQ IDS NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

Query Match 100.0%; Score 283; DB 6; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-28;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51
Db 1 MLQWAGCQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 2
US-10-967-527A-8
; Sequence 8, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnf14, A Tumor Necrosis Factor
; TITLE OF INVENTION: Receptor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967.527A
; CURRENT FILING DATE: 2004-10-18

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; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-967-527A-8

Query Match          100.0%; Score 283; DB 6; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-28;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51
Db 1 MLQWAGCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 3
US-10-967-527A-9
; Sequence 9, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnfr14, A Tumor Necrosis Factor
; TITLE OF INVENTION: Receptor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 40
; TYPE: PRT
; ORGANISM: homo sapiens
; FEATURE:
; NAME/KEY: DOMAIN
; LOCATION: (1)...(40)
; OTHER INFORMATION: cysteine rich
US-10-967-527A-9

Query Match          81.3%; Score 230; DB 6; Length 40;
Best Local Similarity 100.0%; Pred. No. 2.3e-22;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GQCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASV 45
Db 1 GQCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASV 40

RESULT 4
US-10-967-527A-10
; Sequence 10, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnfr14, A Tumor Necrosis Factor
; TITLE OF INVENTION: Receptor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
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; LENGTH: 185
; TYPE: PRT
; ORGANISM: mus musculus
US-10-967-527A-10

Query Match          64.0%; Score 181; DB 6; Length 185;
Best Local Similarity 70.8%; Pred. No. 1e-15;
Matches 34; Conservative 4; Mismatches 8; Indels 2; Gaps 1;

Qy 4 MAGQCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51
Db 1 MAQQCFHSEYFDSLHACKCHLRCSN--PPATCQPYCDPSVTSSVKG 46

RESULT 5
US-10-967-527A-21
; Sequence 21, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnfr14, A Tumor Necrosis Factor
; TITLE OF INVENTION: Receptor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 249
; TYPE: PRT
; ORGANISM: mus musculus
US-10-967-527A-21

Query Match          25.3%; Score 71.5; DB 6; Length 249;
Best Local Similarity 35.3%; Pred. No. 0.047;
Matches 12; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

Qy 8 CSQNEYFDSLHACIPQLRCSSNTPLTCQRYC 41
Db 6 CPKQYWDSSRKSCVSCALTCQRS-QRTCTDFC 38

RESULT 6
US-10-967-527A-20
; Sequence 20, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnfr14, A Tumor Necrosis Factor
; TITLE OF INVENTION: Receptor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 48
; TYPE: PRT
; ORGANISM: homo sapiens
; FEATURE:
; NAME/KEY: DOMAIN
; LOCATION: (1)...(48)
; OTHER INFORMATION: cysteine rich
US-10-967-527A-20
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Query Match      23.9%; Score 67.5; DB 6; Length 48;
Best Local Similarity 30.6%; Pred. No. 0.033;
Matches 11; Conservative 9; Mismatches 15; Indels 1; Gaps 1;

Qy      8 CSQNEYFDSLHACIPQCLRCSSNTPPLTTCORYCNA 43
Db      13 CPEQYWDPLLGTCSCKTICNHQS-QRTCAAFCHS 47

RESULT 7
US-10-967-527A-19
; Sequence 19, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnfr14, A Tumor Necrosis Factor
; TITLE OF INVENTION: Receptor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 292
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-967-527A-19

Query Match      23.9%; Score 67.5; DB 6; Length 292;
Best Local Similarity 30.6%; Pred. No. 0.17;
Matches 11; Conservative 9; Mismatches 15; Indels 1; Gaps 1;

Qy      8 CSQNEYFDSLHACIPQCLRCSSNTPPLTTCORYCNA 43
Db      34 CPEQYWDPLLGTCSCKTICNHQS-QRTCAAFCHS 68

RESULT 8
US-10-742-634-7
; Sequence 7, Application US/10742634
; Publication No. US20050249671A9
; GENERAL INFORMATION:
; APPLICANT: Parmelee, David
; APPLICANT: Yeh, Ren-Hwa
; APPLICANT: Galperina, Olga
; APPLICANT: Hilbert, David
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Neurokine-alpha Conjugate, Neurokine-alpha Complex, and Uses Th
; FILE REFERENCE: 1488.1810002
; CURRENT APPLICATION NUMBER: US/10/742,634
; CURRENT FILING DATE: 2003-12-22
; PRIOR APPLICATION NUMBER: US 60/435,262
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/467,198
; PRIOR FILING DATE: 2003-05-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 293
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-7

Query Match      23.9%; Score 67.5; DB 6; Length 293;
Best Local Similarity 30.6%; Pred. No. 0.17;
Matches 11; Conservative 9; Mismatches 15; Indels 1; Gaps 1;

Qy      8 CSQNEYFDSLHACIPQCLRCSSNTPPLTTCORYCNA 43
Db      8 CSQNEYFDSLHACIPQCLRCSSNTPPLTTCORYCNA 43

Query Match      23.9%; Score 67.5; DB 7; Length 293;
Best Local Similarity 30.6%; Pred. No. 0.17;
Matches 11; Conservative 9; Mismatches 15; Indels 1; Gaps 1;
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Db      34 CPEQYWDPLLGTCSCKTICNHQS-QRTCAAFCHS 68

RESULT 9
US-11-221-849-2
; Sequence 2, Application US/11221849
; Publication No. US20060003380A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR17
; FILE REFERENCE: PFS24PLDI
; CURRENT APPLICATION NUMBER: US/11/221,849
; CURRENT FILING DATE: 2005-09-09
; PRIOR APPLICATION NUMBER: 09/961,376
; PRIOR FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: 60/254,874
; PRIOR FILING DATE: 2000-12-13
; PRIOR APPLICATION NUMBER: 60/235,991
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: 09/533,822
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: 60/188,208
; PRIOR FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 293
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-221-849-2

Query Match      23.9%; Score 67.5; DB 7; Length 293;
Best Local Similarity 30.6%; Pred. No. 0.17;
Matches 11; Conservative 9; Mismatches 15; Indels 1; Gaps 1;

Qy      8 CSQNEYFDSLHACIPQCLRCSSNTPPLTTCORYCNA 43
Db      34 CPEQYWDPLLGTCSCKTICNHQS-QRTCAAFCHS 68

RESULT 10
US-11-128-059-60
; Sequence 60, Application US/11128059
; Publication No. US20050287638A1
; GENERAL INFORMATION:
; APPLICANT: WEIGEL, PAUL H
; APPLICANT: WEIGEL, JANET A
; TITLE OF INVENTION: HYALURONAN RECEPTOR FOR ENDOCYTOSIS, VARIANTS THEREOF, AND
; FILE REFERENCE: 5864.033
; CURRENT APPLICATION NUMBER: US/11/128,059
; CURRENT FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: 60/570,915
; PRIOR FILING DATE: 2004-05-13
; PRIOR APPLICATION NUMBER: 10/133,172
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: 60/286,468
; PRIOR FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: 09/842,930
; PRIOR FILING DATE: 2001-04-25
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 60
; LENGTH: 1416
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-128-059-60

Query Match      23.0%; Score 65; DB 7; Length 1416;
Best Local Similarity 30.0%; Pred. No. 1.5;
Matches 15; Conservative 4; Mismatches 9; Indels 22; Gaps 2;

Qy      18 LHACIPCOL-----RCSSNTPPLT-----CQRYCNASV 45
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